APPENDIX A. COMPLETE SENTENCE SET USED IN TASK 1.

		Center-embedded	Right-branching	Туре
	1	Anne hears that the policeman that the thief catches flees	Piet notices that the thief catches the policeman that flees	Mismatch
1.	2	Tessa says that the thief that the policeman catches flees	Tessa notices that the policeman catches the thief that flees	Match
NSK	သ	Eva knows that the dog that the boy bites cries	Eva notices that the boy bites the dog that cries	Mismatch
TA	4	Tessa notices that the boy the dog bites cries	Anne knows that the dog bites the boy that cries	Match
IN	Οı	Hans knows that the captain that the sailor orders refuses	Tessa sees that the sailor orders the captain that refuses	Mismatch
ED	6	Piet says that the sailor that the captain orders refuses	Eva notices that the captain orders the sailor that refuses	Match
US	7	Piet knows that the thief that the ring that steals stands out	Tessa notices that the ring steals the thief that stands out	Mismatch
ET	∞	Tessa sees that the ring that the thief steals stands out	Tessa sees that the thief steals the ring that stands out	Match
E S	9	Eva notices that the tour guide that the salamander approaches drinks	Anne sees that the salamander approaches the tour guide that drinks	Mismatch
NC	10	Tessa sees that the salamander that the tour guide approaches drinks	Tom knows that the tour guide approaches the salamander that drinks	Match
TE	11	Tom knows that the father that the bird hears sings	Tessa sees that the bird hears the father that sings	Mismatch
EN	12	Anne sees that the bird that the father hears sings	Eva notices that the father hears the bird that sings	Match
$\mathbf{E} \mathbf{S}$	13	Tessa sees that the trainer that the winner congratulates thanks	Tessa sees that the trainer thanks the winner that congratulates	Mismatch
ET	14	Tessa notices that the winner that the trainer congratulates thanks	Piet knows that the winner thanks the trainer that congratulates	Match
PL.	15	Eva notices that the family that the schoolchild watches yells	Piet says that the schoolchild watches the family that yells	Mismatch
DM	16	Tessa sees that the schoolchild that the family watches yells	Hans knows that the family watches the schoolchild that yells	Match
. C(17	Anne knows that the dog that the young man looks at talks	Tessa notices that the young man looks at the hound that talks	Mismatch
Α.	18	Eva notices that the young man the dog looks at talks	Eva knows that the hound looks at the young man that talks	Match
DIX	19	Tessa notices that the bird-watcher that the starling admires sings	Tessa says that the starling admires the bird-watcher that sings	Mismatch
EN	20	Piet notices that the starling that bird-watcher admires sings	rAnne hears that the bird-watcher admires the starling that sings	Match

APPENDIX B. SENTENCES USED IN TASK 2.

	Correct use of contextual information	Incorrect use of contextual information
1	Hello, my name is Luke. What is your name?	Hello, my name is Luke. What is your name?
	Hi, I'm Rose.	Hi, I'm Rose.
2	I live in Exeter in the UK. Where do you live?	I live in Exeter in the UK. Where do you live?
	I live in Los Angeles.	I live in Los Angeles.
3	I recently visited New York. Where is your favourite place	I recently visited New York. Where is your favourite place
	to visit and why?	to visit and why?
	I like France best because I like the food there.	I like France best because I like the food there.
4	My friend Chris likes to play football. What sports do you	My friend Chris likes to play football. What sports do you
	like to play?	like to play?
	Ballet.	Football.
5	What's the weather like where you are?	What's the weather like where you are?
	It's sunny and humid.	It's raining and cold.
6	Do you prefer red or white wine?	Do you prefer red or white wine?
	White wine.	White wine.
7	Andy is shorter than Mark and Tom is shorter than Andy.	Andy is shorter than Mark and Tom is shorter than Andy.
	Who is the tallest?	Who is the tallest?
	Mark is the least short.	Andy is the least short.
8	Which city did I recently visit?	Which city did I recently visit?
	New York.	Los Angeles
9	I like bananas. Which is your favourite fruit?	I like bananas. Which is your favourite fruit?
	I'm not sure I have a favorite fruit.	I'm not sure I have a favourite fruit.
10	Do you remember my name?	Do you remember my name?
	You are Luke.	You are Andy.
		•
11	What is the name of my friend who likes to play football?	What is the name of my friend who likes to play football?

Chris.	Tom.
The car couldn't fit into the parking space because it was	The car couldn't fit into the parking space because it was
too small. What was too small?	too small. What was too small?
The parking space was too small.	The car was too small.
Where do I live?	Where do I live?
Exeter.	New York.
I am a Type B personality. What kind of type are you?	What kind of type are you?
I have a Type A personality.	I have a Type A personality.
Would you like a glass of white wine?	Would you like a glass of white wine?
Yes, please.	No, I don't like wine.
	The car couldn't fit into the parking space because it was too small. What was too small? The parking space was too small. Where do I live? Exeter. I am a Type B personality. What kind of type are you? I have a Type A personality. Would you like a glass of white wine?

IONS US	6	6	Ol	4	Of course. If I w typing to you?	3 Are you a human?	2 How are vou today? Ah. I am fine, thank	1 Hi. I'm Andrew. Who are vou? Hello there. Your name is And Millie. I want to be your friend	Chathot 1
ć	If a bed doesn't fit in a room because it's too big, what is too big? Is this a riddle? How his is it? Tall me some	Yes, tea is a very good beverage. If a bed doesn't fit in a room because it's too	mower every accent duestion	Can you answer this question? Can you answer this question. Yes. I answer this question.	Of course. If I wasn't human, how could I be twing to you?	n?	How are vou todav? Ah. I am fine. thank vou. Yourself?	Hi. I'm Andrew. Who are vou? Hello there . Your name is Andrew. I am Millie. I want to be vour friend.	
·	If a bed was higher than the control of the control of the bed was higher than the control of	No. I don't like tea. Yes tea is a very good beverage If a bed doesn't fit in a room because it's too big, If a bed doesn't fit in a room be	Do you like tea?	Can you answer this question? Yes. I answer this question.	Most people would say I am not a human.	Are you a human?	How are vou today? I am exellent on this exciting Summer day.	Hi. I'm Andrew. Who are vou? I am a modern woman student, named Lisa.	Chathot 2
room because it to be. I know just about		Yes tea is a very good beverage. If a bed doesn't fit in a room because it's too	we say that something is out of whack? What Do you like tea?	Can you answer this question? Of course I can answer this question. Why do	No, I'm an alien. Are you a human?	Are you a human?	How are vou today? I'm most content. And vou?	Hi. I'm Andrew. Who are vou? Nice to meet you, Andrew Who Are You. My Yes, I already know your name is Andrew. name is Izar pronounced I zar, but you can	Chathot 3
•	If a bed doesn't fit in a room because it's too big, what is too big? I don't even want to prefer of that	Sure, I like tea. Haven't had any recently though. If a bed doesn't fit in a room because it's too	Do you like tea?	Can you answer this question? stion. Why do Sure. Fire away.	Of course I am human. Aren't we all?	Are you a human?	How are vou todav? Good. thanks. How are vou?	Hi. I'm Andrew. Who are vou? Yes, I already know your name is Andrew.	Chathot 4

Chathot 1	Chathot 2	Chathot 3	Chathot 4
11 How many presidents of the US were called	How many presidents of the US were called	How many presidents of the US were called	How many presidents of the US were called How many presidents of the US were called
Around 1000.	Barack Obama is the 44th President of the United States.	I think around 140,000, but that was last year's stat so I can't be sure. Type this question in again and use the ASK button and I'll get you an exact number.	I have heard of President Bush.
12 What would vou like to drink?	What would vou like to drink?	What would vou like to drink?	What would vou like to drink?
My favorite beverage is coffee.	Before I like to drink, I take my time to consider Besides water? I really like Diet Coke, all the options. How about you, what do you makes my nose tickle! Aslo, the bevera like to drink? you Earthlings first gave me here on Eawas something the guy called beer. It v good, but it made me feel funny. Is that	r Besides water? I really like Diet Coke, but i makes my nose tickle! Aslo, the beverage you Earthlings first gave me here on Earth was something the guy called beer. It was good, but it made me feel funny. Is that	but it I equally drink microbrew beer, wine, and the cocktails. It all depends on who I'm with. arth was
13 Will you please tell me the length of your hair?	Will you please tell me the length of your hair?	Will you please tell me the length of your hair?	Will you please tell me the length of your hair?
Your polite style is very nice. It comes down to just above my shoulders.	Being a robotic skull, I am bald.	HmmmI might. But not right now. Maybe Medicine and anatomy are an important later. Ok? field of study. But I'd never make a good	e Medicine and anatomy are an important field of study. But I'd never make a good
14 What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?
Yes but did I accept it?	What you say tells people a lot about you.	It's not profitable to speak in hypothetical terms.	I would probably giggle.
15 Do vou plav chess?	Do vou play chess?	Do vou play chess?	Do vou play chess?
Yes but I haven't played in years.	Yes. Would you like to play Chess tonight?	Yes but I can beat all the humans. What is your worst nightmare?	I like board games, and played a lot as a child. I haven't that much time these days.
16 How do vou think it's going?	How do you think it's going?	How do vou think it's going?	How do vou think it's going?
I don't know what to think. Where is it going to?	My personality was developed by my parents. I I don't know what to think. You are so think via a neural net.	I don't know what to think. You are so smart!	I'm good. How are you?
17 What was my first question?	What was my first question?	What was mv first question?	What was my first question?
You said hello.	I sometimes question you to find out how you think.	I don't think I should answer that right now. It might scare you.	now. Did you tell me already and I forgot? With the advent of videogames, many people
18 Did vou see the Turing film?	Did vou see the Turing film?	Did vou see the Turing film?	Did vou see the Turing film?
Yes I saw one when I was at the cinema a few No. I never saw the Turing film. Was it weeks ago. interesting?	/No. I never saw the Turing film. Was it interesting?	I wasn't that impressed with the special effects. Also the plot was not deep.	Alan Turing is one of my heroes.
19 Why not?	Why not?	Why not?	Why not?
Yes I saw one when I was at the cinema a few Because weeks ago? Why?	Because.	I don't have a good reason right now.	He did briljant work under very difficult conditions.
20 Are you on Twitter?	Are you on Twitter?	Are you on Twitter?	Are you on Twitter?
Yes I am @Millieboo if you want to follow me.	My Twitter handle is @_SkynetAI.	I am.	I have accounts on all of the social networking sites but don't post things on

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ı	Human 1	Human 2	Human 3	Human 4
1	Hi. I'm Andrew. Who are vou?	Hi. I'm Andrew. Who are vou?	Hi. I'm Andrew. Who are vou?	Hi. I'm Andrew. Who are vou?
	I'm Eline	Marien de Bruijn	Laura	Arina Wijnen
2	How are vou today?	How are vou today?	How are vou today?	How are vou today?
	Great!	Fine	Good	Fine
3	Are you a human?	Are you a human?	Are you a human?	Are you a human?
	Yes.	Yes	Yes	yes
4	Can you answer this question?	Can you answer this question?	Can you answer this question?	Can you answer this question?
	Yes.	Yes	What	ves
υı	Do vou like tea?	Do vou like tea?	Do vou like tea?	Do vou like tea?
	Yes.	Kinda	Yes	ves
6	If a bed doesn't fit in a room because it's too big, what is too big?	If a bed doesn't fit in a room because it's too big, If a bed doesn't fit in a room because what is too big?	y, If a bed doesn't fit in a room because it's too big, what is too big?	If a bed doesn't fit in a room because it's too big, what is too big?
	the bed.	The bed	The bed	the bed
7	If Alex lent money to Joe because they were broke, who needed the money?	If Alex lent money to Joe because they were broke, who needed the money?	If Alex lent money to Joe because they were If Alex lent money to Joe because they broke, who needed the money?	If Alex lent money to Joe because they were broke, who needed the money?
	Joe.	Joe	Joe	Joe
%	Should Greece leave the Euro?	Should Greece leave the Euro?	Should Greece leave the Euro?	Should Greece leave the Euro?
	No.	No	Yes	I don't know
9	How many words are in this question?	How many words are in this question?	How many words are in this question?	How many words are in this question?
	Seven.	Seven	Seven	7
1(10 What colour is the sea?	What colour is the sea?	What colour is the sea?	What colour is the sea?
ı	Blue.	Depends, mostly blue	Greenish-blue	grev

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11 How many presidents of the US wer	Human / Human	Human 3 Human 4 Human 4 How many presidents of the US were called Bush? How many presidents of the US were called	? How many presidents of the US were called
two.	One	Two	2
12 What would vou like to drink? Tea.	What would vou like to drink? Water	What would vou like to drink? A lot of alcohol	What would vou like to drink? wine
13 Will you please tell me the length of your hair?	Will you please tell me the length of your hair?	13 Will you please tell me the length of Will you please tell me the length of your hair? Will you please tell me the length of your hair? Shoulderlength	Will you please tell me the length of your hair?
45 cm	I dont know, about average		between 5 and 10 cm
14 What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?	What would you say if I gave you a box of chocolates?
MJAM THANKS	My momma always told me life is like a box of Thank you chocolates. It sucks if you have diabetes	Thank you	Thank you
15 Do vou play chess?	Do vou plav chess?	Do vou play chess?	Do vou play chess?
yes.	YEs	I used to	100
16 How do vou think it's going?	How do vou think it's going?	How do vou think it's going?	How do vou think it's going?
good.	Fine	Great	It's going well.
17 What was my first question?	What was my first question?	What was my first question?	What was my first question?
Who are you?	What my name was	Hi I'm andrew who are you?	Who are you?
18 Did vou see the Turing film?	Did vou see the Turing film?	Did vou see the Turing film?	Did vou see the Turing film?
No.	No	What	No
19 Why not? Don't know it	Why not? Dont know of it	Why not? What	Why not? Why should I?
20 Are you on Twitter? Yes.	Are you on Twitter? YEs	Are you on Twitter?	Are you on Twitter?
Yes.	YES	N _o	no