**Level 1 Eliza**

1. Research the “ELIZA Computer Therapist Program”. Summarize your answers to the following:
   1. What does the program do?

Communicate with a human

* 1. When and why was the program created?

1964-1966 to create communication from a computer to human

* 1. How does the program work?

You type in a input and the computer will respond

1. Use an on-line version of the ELIZA program to see what it is like.
   1. Open the URL : <http://psych.fullerton.edu/mbirnbaum/psych101/Eliza.htm>
   2. Begin by talking about your feelings (just like if you were talking to a guidance councillor).
   3. After a while, try to trick the program.
2. In what ways did the program seem like you were talking to a real person? What was a strategy used by the program to keep the discussion going?

In the beginning if you don’t say Hi or hello, it’s says “ is that how you greet people”

1. In what ways could you tell that it was not a real person? What were some of the weaknesses of the program?

Ask very specific questions and the program will try to stall you.

1. If you had your friend talk to ELIZA but did not tell them it was a program, how long do you think it would take for them to figure it out? Explain your answer.

Probably after 1 minute because if they ask a complicated question, the program won’t have an answer.

**Level 2 Turing Test**

1. Research the “Turing Test”. Summarize your answers to the following:
   1. What is the Turing Test?

A test for a machine’s ability ti exhibit intelligent behaviour equivalent to, or indistinguishable from, that of a human..

* 1. Who was Alan Turing?

A British Scientist and pioneer in computer science.

* 1. How does the Turning Test work?

It’s to determine whether a computer is able to fool an interrogator into believing it is human.

* 1. How is the Turing Test different from other Artificial Intelligence tests?

To fool a human thinking the computer is human and to imitate them as well.

1. Visit the Ted Ed website to learn more about the Turing Test.
   1. Watch the video at: <https://ed.ted.com/lessons/the-turing-test-can-a-computer-pass-for-a-human-alex-gendler>
   2. Complete the on-line test at: <https://ed.ted.com/lessons/the-turing-test-can-a-computer-pass-for-a-human-alex-gendler#review>
2. Has any computer AI passed the Turing Test? Research this question and report on your results.

No not any official computers passed the turning test but people suggest that it could happen in 2029. Other people think 2040. There have been numerous claims that the Eugene Goostman did pass the test but it was a lie.

1. Do you think that you have ever been fooled by an on-line computer AI program? Explain your answer.

Yes but only once. When you ask Siri on apple what 0/0 is.

**Level 3 Article reviews**

Pick any three (3) out of the following four (4) articles to read and review. Answer the questions that are specific to each article.

Article 1: Social Media Bots

Read the following article:

<https://www.questia.com/magazine/1G1-530914703/social-media-bots-how-they-spread-misinformation>

1. How much internet traffic is estimated to be produced by AI bots?

8-15%

1. What are some strategies used by bots to appear more human?

Developed to be like human and do human task on social media

1. How many social media accounts are estimated to be AI bots?

8-15%

1. How easy is it for a user to detect that they have been “friended” buy a social media AI bot?

Very hard because the human won’t really care if it is a bot

Article 2: Social Media Bots

Read the following article:

<https://www.usnews.com/news/healthiest-communities/articles/2018-07-24/how-social-media-bots-could-compromise-public-health>

1. How many social media accounts are estimated to be AI bots?

Tens of millions bots

1. What is the purpose / objective of these AI bots?

To find personal information

1. How could a bot be used to increase the number of people vaping or smoking?

Could post a picture of someone smoking

1. How could a bot be used to increase the public concern about getting vaccinated?

Post it on their social media

1. What is a “sockpuppet”?

a false online identity, typically created by a person or group in order to promote their own opinions or views.

Article 3: Automated Journalism

Read the following article:

<https://www.bbc.com/news/business-42858174>

1. What are some of the topics of the articles produced by the robo-journalists owned by the Press Association (PA)? How long and how detailed are these articles?
2. “At this stage” what are the limitations of robo-journalists? What jobs do human journalists do that cannot yet be done by robo-journalists?
3. What happened when the LA Times used a robo-journalist to report on an earthquake?
4. What are some of the “easier” tasks that robo-journalists are used to produce articles for?
5. Do you think this article was written by a robo-journalist? Explain your answer by giving examples of both why and why not.

Article 4: Automated Journalism

Read the following article:

<https://digiday.com/media/washington-posts-robot-reporter-published-500-articles-last-year/>

1. What is the name of the Washington Post’s robo-journalist and what was its first assignment?

An AI to report on Rio Olympics

1. How can robo-reporting expand the audience for newspapers?

Listen to a robot instead of reading

1. How can robo-reporting help human journalists?

Don’t need to write anymore

1. Are smaller news organizations using robo-reporting? What are the benefits to smaller organizations?

Easier for them to become a bigger company

1. Do you think this article was written by a robo-reporter? Explain your answer by giving examples of both why and why not.

No because at the top it says by Lucia Moses.