**Level 1 Eliza**

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

The program does is that if you type in something it talks back to u like a human would when you text someone but instead it is a bot that talking to you.

* 1. When and why was the program created?

The program was created in 1966. The program was created because to show that computer are still intelligent and that it smarter than human and this was one of the program created for computer.

* 1. How does the program work?

Eliza is a computer program that emulates a Rogerian psychotherapist, restructuring answers into questions

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?

It look like I was talking to a program because it wasn’t talking like normal human would. The strategy used by the program to keep the discussion going was that it would keep on asking you the question.

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

I could tell that it wasn’t a real person talking because first of all they weren’t talking like human if you said a question they would ask you a question back. The weaknesses of the program was that for example if you said bye it won’t said bye back to you it would instead say “tell me more”.

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.

If I had a friend talk to ELIZA and didn’t tell them it was a program I think it wouldn’t take that much time to figure it out that is a program because of the way the program talks because like said before she doesn’t text like regular like human.

**Level 2 Turing Test**

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

A Turing test is an Artificial Intelligence which is proposed a test called “The Imitation Game" that might finally settle the issue of machine intelligence.

* 1. Who was Alan Turing?

Alan Turing was a British scientist and a pioneer in computer science. During World War II, he developed a machine that helped break the German Enigma code and he died at June 7, 1954.

* 1. How does the Turning Test work?

Turing Test is a method of inquiry for determining whether or not a computer is capable of thinking like a human being.

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

Turing Test is different from other Artificial Intelligence tests because the Turing Test is proven that is one of the best technology and it has fooled some human thinking that is a human talking to them but in reality is a bot that talking to them and it tricking the human and it shows that technology has been upgraded because of one of the best program like Turing test.

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.  
   While there have been two well-known computer programs or chatbots, claiming to have passed the Turing Test, the reality is that no AI has been able to pass it since it was introduced.
3. Do you think that you have ever been fooled by an on-line computer AI program? Explain your answer.

I don’t think that I have ever been fooled by an on-line computer AI program because I don’t talk to random people on computer and I barely use my computer I only talk to people that I know and don’t text to random people on social media or computer.

**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?

Approximately 30% of internet traffic is produced by malicious bots

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

They search for specific keywords, hashtags and use emojis during reasonable times of the day. They also limit the information they share which mimic human behavior.

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

Twitter revealed to have 8.5% of its users being AI bots and know Twitter suspects that the number may have increased to 15%.

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

It’s not easy for people to believe that they’ve been friended buy a social media bot because they usually have big friend groups and won’t even bother if the person is a stranger.

Article 2: Social Media Bots

Read the following article:

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

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

They are approximately tens of millions of bots that have social media accounts

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

The purpose of AI bots are to spread misleading information and influence people of how they think and act.

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

The bots were significantly more likely than real people to post hashtags about smoking cessation and e-cigarettes. Also, bots were pushing vaping as a safe alternative to traditional and tobacco.

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

Bots can post memes and give false information about vaccines being harmful to people. They can also spread the false information quickly between each other.

1. What is a “sockpuppet”?

A sockpuppet are fake or deceptive accounts managed by real people who post to aggravate others.

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?

Some articles produced by the robo-journalists were about smoking during pregnancy, recycling rates, or cancelled operations which are non-more than 7 paragraphs in length.

1. “At this stage” what are the limitations of robo-journalists? What jobs do human journalists do that cannot yet be done by robo-journalists?

Robo-journalists can only put out information about data which normally takes a lot more time for a human to do by themselves. Journalists put out balanced and contextualized stories which robots struggle to do so because they work by patterns.

1. What happened when the LA Times used a robo-journalist to report on an earthquake?

The robo-journalist reported about an error that was made. It reported that  a 1925 earthquake had hit California which was wrong.

1. What are some of the “easier” tasks that robo-journalists are used to produce articles for?

They are used to produce interesting that quickly to the public like election results or official figures on social issues. Other uses modify the algorithms to make news stories easier for children to read.

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

This article wasn’t written by a robo-journalist because it can only manage data based stories that show statistics. In addition this article was written using a personal voice. In the article there’ll be questions which makes the reader think in depth which a robot can’t copy because it doesn’t have enough common knowledge to ask such a question. In addition this article was written by a human because it has a personal voice and it also involves using common knowledge in order to ask and answer the question which a robo journalist can’t do.

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?

1. How can robo-reporting expand the audience for newspapers?
2. How can robo-reporting help human journalists?
3. Are smaller news organizations using robo-reporting? What are the benefits to smaller organizations?
4. Do you think this article was written by a robo-reporter? Explain your answer by giving examples of both why and why not.

Level 4 To Be Defined….

Will Artificial Intelligence take your job?

<https://www.forbes.com/sites/forbestechcouncil/2018/02/26/artificial-intelligence-will-take-your-job-what-you-can-do-today-to-protect-it-tomorrow/#430f57bf4f27>

<https://www.forbes.com/sites/theyec/2018/07/06/do-you-fear-artificial-intelligence-will-take-your-job/#7fb127a611aa>