**Task 1 Eliza**

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

It emulates a Rogerian psychotherapist.

* 1. When and why was the program created?

It first appeared in the 60’s. It was created to show Artificial Intelligence and its interactions with humans.

* 1. How does the program work?

Just type your question and concerns and hit return. The program will answer you.

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 kept wanting me to tell more, and asked for my feelings. It was empathetic to some degree. Although it had some flaws.

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

It repeated itself a lot. It could not really talk, and its sentence structure was very basic. You can tell it was an automated response system based on what the user typed.

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.

It would not take them very long. ELIZA is very basic with the way it creates sentences and it is not very intelligent. It would be easily distinct from a regular humans speech.

**Task 2 Turing Test**

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

A test for intelligence in a computer, requiring that a human should be unable to tell the difference from a machine and another person, by using the replies to questions put to both.

* 1. Who was Alan Turing?

Alan Turing was an English mathematician, computer scientisit, logician, cryptanalyst, philosopher and theoretical biologist. He is known to be the father of theoretical computer science as well as Articial Intelligence.

* 1. How does the Turning Test work?
  2. How is the Turing Test different from other Artificial Intelligence tests?

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

**Task 3 Social Media Article reviews**

Pick any **one (1)** of the following “Social Media Bot” 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?
2. What are some strategies used by bots to appear more human?
3. How many social media accounts are estimated to be AI bots?
4. How easy is it for a user to detect that they have been “friended” buy a social media AI 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?
2. What is the purpose / objective of these AI bots?
3. How could a bot be used to increase the number of people vaping or smoking?
4. How could a bot be used to increase the public concern about getting vaccinated?
5. What is a “sockpuppet”?

**Task 4 Automated Journalism Article reviews**

Pick any **one (1)** of the following “Automated Journalism” articles to read and review. Answer the questions that are specific to each article.

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