**Level 1 Eliza**

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

**It role plays and talks to play like it is a therapist**

* 1. When and why was the program created?

**It was created in 1964 to 1966 for help people out and it was capable of attempting the turning turn.**

* 1. How does the program work?

**It imitates a “Rogerian psychotherapist”**

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?

**ELIZA would seem like she is paying attention to you and your problem, and this would make you feel like you talking to a actual person online. The program would tell me to elaborate or keep explain the problem and that would keep the discussion going.**

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

**When I said I don’t know how to keep going it would say to keep going on “I don’t know how to keep going”.**

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 take them a few minutes because they would eventually find out when she would say ok….”…..” can you elaborate on that.**

**Level 2 Turing Test**

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

**A test of a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human. NOT MY WORDS!!! ITS WIKIPEDIAS**

* 1. Who was Alan Turing?

**The guy who created the turning test.**

* 1. How does the Turning Test work?

**To see if you can turn a computer to talk like a human and fool someone on the other end.**

* 1. How is the Turing Test different from other Artificial Intelligence tests?
* **Artificial intelligence is to see how humans acts and what they can do**
* **Turning test is to see if a computer can be disguised as a human**

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.  
   According to BBC News they say no computer has passed the test
3. Do you think that you have ever been fooled by an on-line computer AI program? Explain your answer.

I don’t believe I have ever been fooled by an online computer AI program because most of the time the things people say online is not what a computer AI would say.

**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.

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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?

**About 30% of internet traffic**

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

**One strategy would be they collect databases on twitter and create/build more characteristics.**

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

**About 20%**

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

**A larger number of friends is most likely a bot**

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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?

**Nearly 10 million per week**

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

**They are linked with the 2016 Russian president vote.**

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

**Bots are most likely to post about vaping and smoking and that influences others that see this post**

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

**Again talk about how they are negative and influence others to believe they are bad**

1. What is a “sockpuppet”?

**They are fake accounts that are being run by real people as in a catfish account.**

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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.

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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?

**High school Football this week: Whitman at Landon**

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

**Produced many articles**

1. How can robo-reporting help human journalists?

**Help journalist do their high value work**

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

**?**

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

**?**

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**Level 4 Will Artificial Intelligence Take My Job (Presentation)**

1. Read the following articles to get some ideas about what you should include in your presentation.

<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>

1. Select a job (topic) that you think might not be affected by computer technology and artificial intelligence.
   1. A list of job topics is included at the end of this page.
   2. Your job topic must be confirmed with Mr. Nestor.
   3. Your job topic must be unique in the class.
2. Create a presentation that will inform other students about the following information:
   1. Title your presentation “ Will AI Take My Job as a (your job topic)”
   2. Describe your job as it currently exists (or as it is traditionally). Focus on details that could be automated.
   3. Provide some examples of how your job can be (or has been) changed by computer technology in general.
   4. Provide some examples of how your job can be (or has been) changed by artificial intelligence specifically.
   5. Describe your job as it will exist in the future as it changes due to computer technology.
   6. Explain what education will be required to do this job more effectively.
3. Presentations are due on Wednesday and will be presented Wednesday and Thursday.
   1. Presentation to the class should be 5 minutes in length
   2. Share your presentation with Mr. Nestor through Google docs.

**Job Topic Suggestions:**

|  |  |  |
| --- | --- | --- |
| Truck Driver | Taxi Driver | Delivery Person |
| Store Checkout Clerk | Restaurant Cook / Waiter | Retail Sales Person |
| Real Estate Agent | Financial Advisor | Bank Teller |
| Family Doctor | Medical Specialist / Surgeon | Fitness Instructor |
| Artist | TV / Radio Personality | Actor |
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Will AI Take My Job as a **Family Doctor**

Navdeep Virdi

What is my job?

A family doctor is excepted to care of your health and provide any medication that’s needed. They treat same illnesses such as a cold or having the flu. Not just those they provide help for long term conditions and illnesses. As you explain your problem they record and diagnose you with an illness and a cure/medication.

How has it changed with technology?

Technology so far has helped by creating new cures and treatments. Helps doctor recommend medication and or more treatment if necessary.

How has it changed with AI?