**Level 1 Eliza**

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

**Eliza mimics a therapist.**

* 1. When and why was the program created?

**In the 60’s**

* 1. How does the program work?

**The program repeats your questions back to you while also adding in other little sentence to make it seem human but after a while Eliza will become repetitive .**

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?

**The program repeats your questions back to you while also adding in other little sentence to make it seem human but after a while Eliza will become repetitive. Such as ‘ tell me more’.**

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

**after a while Eliza becomes repetitive and if I asked it questions it would not answer**

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 a few minutes because eliza becomes repetitive and cannot answer a question, so if a off topic question was asked eliza would have no 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 intelligence in a computer, requiring that a human being should be unable to distinguish the machine from another human being by using the replies to questions put to both.**

* 1. Who was Alan Turing?

**In 1939 a newly created British intelligence agency MI6 recruited Cambridge mathematics alumnus Alan Turing to crack Nazi codes, including Enigma -- which cryptanalysts had thought unbreakable. Turing's team, including Joan Clarke, analyze Enigma messages while he builds a machine to decipher them. Turing and the team finally succeed and become heroes**

* 1. How does the Turning Test work?

**Turing proposed that a human evaluator would judge natural language conversations between a human and a machine designed to generate human-like responses. The evaluator would be aware that one of the two partners in conversation is a machine, and all participants would be separated from one another. The conversation would be limited to a text-only channel such as a computer keyboard and screen so the result would not depend on the machine's ability to render words as speech.[2] If the evaluator cannot reliably tell the machine from the human, the machine is said to have passed the test. The test results do not depend on the machine's ability to give correct answers to questions, only how closely its answers resemble those a human would give.**

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

**The turing test was ahead of its time the computers weren’t as powerful in turings time as they are now but the idea was ahead of its time that’s what differs from the ai tests today, it’s a complex test in a simpler way**

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. Turing, himself, thought that by the year 2000 computer systems would be able to pass the test with flying colors**

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

**These days I don’t go online to chat as much as I used to but I get these random links that I don’t answer claiming to give me a phone refund, but I know enough not to open them .**

Level 3 To Be Defined….

Social Media Bots

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

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

Automated Journalism

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

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

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>