Introduction to Computer Science
COMP 1500
Fall 2024

Assignment 1

Background:

The video we watched was *The Machine that Changed the World: Giant Brains*. This was the first of five hour long episodes produced by PBS and the ACM in the early 1990s. Otterbein purchased all five episodes on VHS tape in the mid-90s and then transferred them to DVD in the mid-2000s. We might watch one of the other episodes later in the semester, but not all five.

Your Assignment:

Consider the following names:

- Charles Babbage
- Joseph Jacquard (invented the Jacquard loom)
- Ada, Countess of Lovelace
- Konrad Zuse
- Eckert & Mauchley
- John von Neumann
- Alan Turing

Your assignment is **for each** of these names to write a short summary of their contributions to computer science. Four or five sentences each will be enough. Please write in complete sentences! Please do not copy/paste from your sources! Write it in your own words.

Use any notes you may have taken during the video. In addition, use any search techniques you wish in researching your response. Please focus on their contributions to computer science. Any sources that you use to prepare your answers must be cited and included in a bibliography.

To Submit:

Email a Word document.

Points:

Maximum 28 points. Each answer will be worth 0 to 4 points based on its factual correctness, relevance to the history of computing, conciseness, and written expression (complete sentences, reasonable spelling/grammar).

Due:

Friday, September 6, 2024