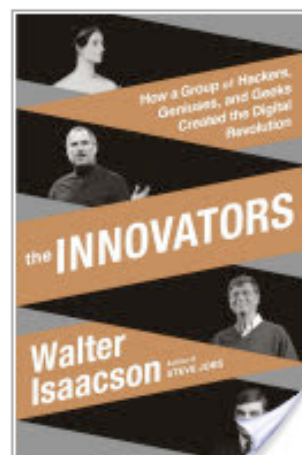


**Presentation Assignment - Computer History Unit 7**

Group		
1	Alex M	Evan
2	Sam E	Simon
3	Kohava	Abrar
4	Thalia	Aurelie
5	Rui	Alex
6	Mahir	Fareed
7	Benjamin L	Ben B
8	Danish	Mackenzie
9	Emon	Ayasha
10	Declan	Ekim
11	Fayyad	Farhan
12	Toby	Benjamin M and Holly

In this assignment pairs of students will develop a talk and deliver a presentation between 20 and 25 minutes of length. The presentation may consist of PowerPoint slides, videos not exceeding a total of 3 minutes, verbal explanations, question/answer periods, audience engagement or any combination of these.

Information must come from at least three sources. Students may use all electronic material while working, but two of the sources must be available in published non-electronic format, such as textbooks or journals. Presented text must be in students' own words and any text used directly from sources must be quoted and footnoted. A formal bibliography of sources must be provided either in typed form or in the last slide of the PowerPoint presentation in *Turabian Citation Style*.



Here is a list of thinkers/innovators to choose from. Students may choose from this list or include a person of their own choice, but it must be someone prior to the year 1970. Names from ancient history and cultures are encouraged so long as they can be related to computer science and automation. No two groups may choose the same person. Coordinate with the teacher to ensure that every group researches a different person:

## Important thinkers and Innovators

Muhammad ibn Musa al-Khwariami  
Blaise Pascal  
Gottfried Leibniz  
Joseph-Marie Jacquard  
Charles Babbage  
Ada Lovelace  
George Boole  
Herman Hollerith  
Lee de Forest  
Walther Bothe  
Wallace Eckert  
Alan Turing  
Niklaus Wirth  
John von Neumann  
William Hewlett and David Packard  
Grace Hopper  
Noam Chomsky



A Pascaline signed by Pascal in 1652

## The Presentation

The presentation must consist of at least the following:

- A definition of who the person is
- The reason for choosing such this person for a presentation
- An historical context: Provide information about the timeframe of the person. Include the names of other contemporary persons and/or discoveries of the time in the areas of science, medicine, the arts, literature, music, architecture, and politics and how they influence the person to lead to their discoveries/contributions to society. Tell us how people lived during the time this person lived. A clear context needs to be provided in order to understand why such a person is important to us.
- The major contribution that this person has brought to computer science and to the world in general. Be sure to provide specific examples such as events in history and other inventions as a result of this person's contribution.
- Provide other relevant information beyond the guidelines above. Bring material that is new to us so that we may truly learn something new from your presentation. Creativity in content as well as style is necessary for full marks.

## ICS4U-Grade 12

### **Rubric**

#### Knowledge 20%

- Accuracy of presented material
- Historical context of person and events
- Correct quotation and footnoting

#### Thinking 20%

- Students' ability to bring their own prior knowledge into the presented topic
- Clear examples of prior knowledge in computer science and other disciplines as brought into this presentation

#### Application 40%

- Implications of this person's contributions to the world, i.e., influence in the areas such as education, medicine, science, arts, society, etc.
- Further inventions as a result of this person's contributions
- Development of other ideas and contributions as a result of this person's work
- Influence to other thinkers/innovators
- Influence to the everyday person and how daily life has changed as a result
- Influence in our culture and cultures around the world
- Other applications

#### Communication 20%

- Oral presentation
- Visual presentation
- Audience engagement
- Question period
- Bibliography