

## Digital Revolution

- Social change: internet, social media
- Political change: pollution
- Economical change: find stuff on the internet, buying things

These are due to digital technology. This inquires:

- Computer
- Internet

Digital: using electronic signals to represent data

Ex. Number, pictures, songs etc.

No electricity = 0: volt, electricity = 1: 5 volts

### Digitize Data

- Digitize sound waves so it can?

Stages:

1. Data Processing Stage: work in factory, using a card to report the times
  - a. Data processing is based on an input processing-output cycle
  - b. Data goes into a computer, it is processed and then it is output
  - c. Main Frame Computer: terminal: IBM, Digital
2. Personal Computer
  - a. Running local software: running video
3. Network Computing: a lot of computer joined together to create a network
  - a. Send data, processed by computers, and sent back information
4. Web: internet
  - a. Started off as a research project in the 90s to connect computers (only had words starting off)
5. Cloud Computer
  - a. Have input be sent through the internet to somebody else's computer (send picture), then the computer sends back the output through internet (see picture)
  - b. Wireless router: use username and password
  - c. Social networking, wikis, media sharing, blogging services, micro blogging