

### What is computer science?

**Computer science** is the study of the theory, experimentation, and engineering that form the basis for the design and use of [computers](#). It is the scientific and practical approach to [computation](#) and its applications and the systematic study of the feasibility, structure, expression, and mechanization of the methodical [procedures](#) (or [algorithms](#)) that underlie the acquisition, representation, processing, storage, communication of, and access to, information. An alternate, more succinct definition of computer science is the study of automating algorithmic processes that scale. A [computer scientist](#) specializes in the theory of computation and the design of computational system.

***Directions: Choose one of the famous computer scientists listed below. Create a PowerPoint presentation about this person and what they helped to create or design. Your PowerPoint should have the following.***

- 1.) There should be a minimum of 5 – 8 slides in your presentation.
- 2.) When were they born? Where were they born?
- 3.) Where did they receive their education?
- 4.) What are they famous for in the computer science field?
- 5.) Did they receive any special awards or achievements?
- 6.) How can you relate the impact of what they created to what we use in society?
- 7.) There should be 4 to 5 lines of information per slide. The intro slide does not need to have this many lines.
- 8.) Have at least 3 images of the computer scientist you have been assigned.

Save your work as: **Computer Scientist**

### Listing of Famous Computer Scientists

1.	Alan Turing
2.	Edsger W. Dijkstra
3.	Donald Knuth
4.	Ada Lovelace
5.	Niklaus Wirth
6.	Fred Brooks
7.	Grace Hopper
8.	Peter Naur
9.	Alonzo Church
10.	Hal Abelson
11.	Jon Van Neumann
12.	Tony Hoare
13.	Margaret Hamilton
14.	Corrado Bohm
15.	Stephen cook
16.	Frances Allen
17.	Bjarne Stroustrup
18.	Claude Shannon
19.	Tim Bernes-Lee
20.	Lance Fortnow
21.	Alan Kay
22.	Allan Newell
23.	David Parnas
24.	Shafi Goldwasser
25.	Per Brinch Hansen
26.	Vint Cerf
27.	Stephen Wolfram
28.	Andrew Ng