1. Because computers can be used for multiple tasks, such as word processing or web design. Each person will use it differently
2. RAM, CPU, output device, secondary storage device, input device
3. Arithmetic and logic unit and control unit
4. Cpu gets instructions, cpu turns instructions into electrical signal, cpu routes the signals and causes it to perform an operation
5. Memory address is where a file is located. It shows on the hard drive where it is.
6. Main memory is used as random access, and depending on what the computer is doing will clear and use itself for multiple things
7. To do multiple things at the same time
8. A key word is a word that java uses, programmer defined is decided by programmer.
9. Operators change variables, punctuation symbols separate things
10. A statement is part of a program line
11. Because they can change
12. It is changed to the new value
13. A compiler compiles the info from the code
14. A syntax error is an error made by mistyping or not using things in the right context
15. A byte code is a code java uses in the virtual machine.
16. JVM is a virtual machine that reads byte code
17. Purpose, input, process, and output
18. To think of what the program will do. It allows you to think ahead of task to what you may have to do
19. Code that is written for understand, not syntax
20. The compiler looks for syntax errors
21. A runtime error is an error that occurs while the program is running
22. Found by compiler
23. To make sure you get the correct answers and make sure program is alright
24. Data and code
25. Data
26. Procedure of the data
27. Combining data and code
28. Hiding it behind the scenes so people cant see it