

## Lec 1 Assignment

Name: \_\_\_\_\_

Class:

7. Computers can only follow instructions in a language they understand.

- A. Maybe
- B. Sometimes
- C. False
- D. True

8. What is an algorithm?

- A. A list of steps that you can follow to complete a task
- B. A program only a computer understands
- C. A list of things only relevant to a human
- D. A strange parrot found only on Dartmoor

9. An algorithm that has been coded into something that a machine can understand is .....

- A. A sequence
- B. None of these
- C. A program
- D. A parrot

10. Programming code that has not yet been compiled into an executable file is called:

- A. Raw code
- B. Uncooked code
- C. Object code
- D. Source Code

11. What is the advantage of a compiler:

- A. Once code has been compiled you no longer need the source.
- B. whenever you make an alteration to the code you recompile
- C. The program can run on different interpreters.
- D. It is easier to spot logical errors in your source code

12.What the advantage of an Interpreter

- A. The source code must be distributed to users.
- B. Can run on machines with different instruction sets.
- C. The source code is hidden from the users.
- D. Source code is compiled very rapidly.

13.What Code does a compiler Convert into?

- A. Machine Code
- B. Source Code
- C. Executable
- D. Byte Code

14.What does the Compiler do?

- A. Complier is more likely to crash the PC
- B. Translates one line at at a time and creates a an exe file
- C. Translates whole and creates an exe file.
- D. Less Likely to Crash the PC

15.What is one Disadvantage of a an Interpreter

- A. It is faster than a Compiler
- B. More Likely to Crash the PC
- C. Uses more Memory
- D. It is slower than a compiler