Tutorial 02

1. How do you write comments in a c program? What is the purpose of comments in a program?

- you can use // .and purpose of comments are you can mark code and understand code betterfor multi line use /* and close it with */

2. Which is the function that is essential in a C program?

- int main () or main()

3. What is the purpose of 'scanf' ?

- scanf can be use to read the input and assigning the input to the variable.

4. Is 'standard c' a case sensitive language?

- Yes c is case sensitive language

5. Determine which of the following are valid identifiers. If invalid, explain why.

- (a) record1 : valid
- (b) 1record : invalid cannot start with number
- (c) file-3 : no "-" symbol can be used
- (d) return : valid
- (e) $tax : valid
- (f) name : valid
- (g) name and address : invalid no spaces
- (h) name-and-address : invalid no "-" symbols
- (i) name_and_address : valid
- (j) 123 - 45 - 6789 : invalid cannot start with number and no "-" symbols

6. State whether each of the following is true or false. If false, explain why.

1.Function printf always begins printing at the beginning of a new line.

- false , you can start in any line

2.Comments cause the computer to print the text enclosed between /* and */ on the screen when the program is executed.

- false , comment will not give output or they wont be compiled when program getting executed

3. The escape sequence \n when used in a printf format control string causes the cursor to position to the beginning of the next line on the screen.

- True

All variables must be defined before they're used.

- False , they must be defined before the expression

All variables must be given a type when they're defined.

- True

C considers the variables, number and NuMbEr to be identical.

- False , those are two different variables.

A program that prints three lines of output must contain three printf statements.

- False , you can use /n

7. What does the following code print? printf("*\n**\n***\n****\n*****\n");

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*
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***
****
*****
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