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Tutorial 2

1. Comments are used to explain steps about the source code, in order for it to be convenient for the next person going through it. Comments will be ignored by the compiler because of the syntax used. There are 2 types of comments:

    i. Single line comments - // comment
    ii. Multiline comments - /*comment*/

2. main()

3. Getting user inputs

4. Yes

5.

a. Valid identifier

b. Invalid Identifier - Variables cannot begin with a number

c. Invalid Identifier - Variables cannot include special characters except the "_"

d. Invalid Identifier - Variables cannot be the syntax

e. Invalid Identifier - Variables cannot include special characters except the "_"

f. Valid identifier

g. Invalid Identifier – Variables cannot include spaces

h. Invalid Identifier – Variables cannot include special characters except the "_"

i. Valid identifier

j. Invalid Identifier – a variable cannot begin with a number and cannot include any special characters other than an underscore

6.

a. False - Prints in the same line unless the \n is used
b. True
c. True
d. True
e. True
f. False – C is a case sensitive language therefore those 2 are considered as 2 variables.
g. False – Can be executed using 3 printf statements or just one by using \n

7. *
**
***
****
*****
This is the output of the code. The * are printed by a single printf statement with the use of \n

8.

a. %d is not improperly written & is not assigned as a variable

b. \n is not written inside the double quotes

c. & is not assigned as a variable

d. x%y won't be printed because there's no %d assigned in the printf double quotes

e. The "f" on the printf statement is missing and the coma is in the double quotes, so the variables won't be printed.

f. There are no closing double quotes

9.

a. 2
b. 4
c. x=
d. x=2
e. 5=5
f. Nothing will be printed since no print statement exists
g. User input has not been given
h. Nothing because the print statement has been commented out
i. Starts printing on a new line

10.

a. True
b. True
c. False. It is a print statement, not an assignment statement
d. False. It still follows the BODMAS theory
e. True