Programming In C

Tutorial 02

30499

01) In a C program we can write comments in two different ways. They are,

- // (Single line comment)
- /* Multi line Comment */

In general comments explain the source code. Comments in a program act as documentation . Moreover, comments are ignored by the computer and only visible to programmer.

02) Main () is the function that is essential in a C program. It's the only required function.

03) The purpose of "scanf" is this scanf function allows to read inputs and store that inputs in variables.

04) Yes, C programming language is a case sensitive language.

05) a) A valid identifier
b) Invalid – The numeric digits are come at the end.
c) Invalid – we can't use "-" in identifiers.
d) A Valid identifier
e) Invalid – Identifiers should begin with an alphabet or "_".
f) A valid identifier
g) A valid identifier
h) Invalid – We can't use "-" in an identifier.
i) A valid identifier.
j) Invalid- We can't use "-" in identifiers and an identifier should begin with an alphabet or "_".

06) a) True

b) True

c) True

d) True

e) True

f) False- Because C is a case sensitive language and because of that all variables are considered as case sensitive.

g) False – We can print three lines of output using a single printf statement with a break function.

07) *

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08) a) scanf(“%d”,&value);

b) printf(“The product of %d and %d is %d\n”,x,y);

c) scanf(“%d”,& anInteger);

d) printf(“Remainder of %d divided by %d is\n”, & x,y);

e) printf(“ The sum is %d\n”,& x,y);

f) printf(“The value you entered is %d \n”,&value);

09) a) 2

b) 4

c) x=

d) x=2

e) 5=5

f) nothing

g) nothing (return 0)

h) nothing (return 0)

i) nothing (return 0)

10) a) True

b) True

c) False – This is not an example of an assignment statement. Here's an example for an assignment operator: Q=A+B this will assign the value of A+B to Q.

d) False – A valid arithmetic expression containing no parentheses is evaluating to the precedence order of operators.

e) True