Computer Science - ICS Part 2 Computer Science Chapter 9 Short Questions Preparation

Q1. Find out the errors from the following code.

Ans 1: Void main ()
{ char ch, ch2;
ch1 = '2';
Ch2 = '6';
}
Erros:

- 1st error is variable ch2 is not declared above .

Q2. What do you mean by Case Sensitive in C-Language ?

Ans 1: C is a Case Sensitive language. This means that C compiler considers uppercase and lowercase letters to be distinct characters. For example, the compiler considers SQUARE_AREA and Square _Area as two different Identifiers to different memory locations.

Q3. Write the legal characters of an identifier.

Ans 1: There are the following legal characters of identifiers :

- The first letter of an identifier should be either a letter or an underscore. However, it is discouraged to start an identifier name with an underscore.
- There is no rule on length of an identifier. However the first 31 characters of identifiers are discriminated by the compiler.

Q4. List any four types of integer data in C-Language.

Ans 1: There are the following types of integer data in C-Language:

- Int
- Short
- Long
- Long long

Q5. What is identifier ?

Ans 1: Identifier are the names used to represent variables, constant, types, function, and labels in the program. Identifiers in C can contain any number of characters, but only the first 31 are significant to C : standard identifiers and user-defined identifiers.Example : int money; double account balance Here; money and account balance are identifiers.

Q6. Differentiate between string constant and character constant .

Ans 1: String Constant : String constant are always enclosed in double quotes.'A'or '?' . A Character constant has an equivalent integer value

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Ans 2: Character Constant : Character Constant are enclosed in apostrophes (single quotation marks). "ABC" or %d\n\n . A single -character string constant does not have an equivalent integer value.

Q7. Trace the output:
Int n = 6;
N++;
Printf ("%,n");

Ans 1: Output: n=7

Q8. Trace the output.
Int number = 6;
Int x= 0;
X =-- number ;
Printf ("%d",x);

Ans 1: Output: x=5

Q9. What is Character constant .

Ans 1: A character constant is a single alphabet, a single digit or a single symbol enclosed within apostrophes e.g, A' is a valid Character constant e.g 'A', 'I' '5' '=' etc. The maximum length of a character constant is 1 character.

Q10. Find the Errors in the following code.

Ans 1: #include<sttd10.h>
Void main (void)
{
int x, y, z
z= x+y+z
}
Errors: There are the following errors in this program:

1. 1st error is in this program is that the library has been used is wrong because std10.h has been used instead of stdio.h.
2. 2nd error is in this program is that no terminator has been used in both statements.