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**Jawaban**

1. Learning C programming language is still important because it helps to understand the fundamental of computer theories. C is a Middle-Level language, Most of the theories related to computers like Computer Networks, Compiler Designing, Computer Architecture, Operating Systems are based on C programming language and requires a good knowledge of C programming if you are working on them.

**Referensi** :

* <https://www.geeksforgeeks.org/why-learning-c-programming-is-a-must/>

1. The difference between data type in C :

* Int : integer data types allow variable to store numeric values, The storage size of int data type is 2 or 4 or 8 byte. It varies depend upon the processor in the CPU.
* Float : float data types allow variable to store decimal values, Storage size of float data type is 4. This also varies depend upon the processor in the CPU.
* Double : double typle allow variable to store decimal values same as float data type but the difference is it allows up to 10 digits after decimal.
* Char : allow variable to store only one character.

**Referensi** :

* <https://www.guru99.com/cpp-variables-types.html>

1. There are two way to comment in C the first one is “//” by using double slash for single line of comment, the second one is “ /\* \*/ ” by using slash and star for multiple line of comment.

**Referensi** :

* <https://en.cppreference.com/w/c/comment>

1. The output will be a string that is “Ya” and “hoo”, this could be happen because it fulfill the condition that is when the angka = 2 it will return “Ya” which it is. Then it will excute the next command which is “hoo” .
2. #include<stdio.h>

int main(){

int n;

int result;

printf("Enter the number to be multiply : ");

scanf("%d", &n );

result = n \* 2;

printf("the result is : %d ", result);

return 0;

}