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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/

2. 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

3. 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

4. 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" .

5. #include<stdio.h>

   int main(){
           int n;
           int result;

```c
        printf("Enter the number to be multiply : ");
        scanf("%d", &n );
        result = n * 2;
        printf("the result is : %d ", result);
        return 0;

}
```