

What is C like?

Hello World

- printf()

```
// C Hello World program
#include <stdio.h>

int main()
{
    printf("Hello World!");
    return 0;
}
```

Variables

- bool
- char
- double
- float
- int
- long
- string

Prompt user for values

- int
- char
- scanf()
- printf()

```
int main()
{
    int num;
    char name[50];

    // taking input using scanf
    scanf("Enter No.: %d", &num);
    scanf("Enter Name: %s", name);

    // printing output using printf
    printf("Name is %s and Number is %d", name, num);

    return 0;
}
```

What does this mean?

```
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So i = 10

If else

if (condition) {action}

else if (condition)
{action}

```
int i = 5 < 25 ? 10 : 20;

if (i == 10) {
    printf("i is 10");
}
else if (i == 15) {
    printf("i is 15");
}
else if (i == 20){
    printf("i is 20");
}
else
    printf("i is not present");
```


If else

Switch(variable)

- Case (if variable is 1)

```
int main() {  
    int var = 2;  
  
    // switch case without break  
    switch (var) {  
        case 1:  
            printf("Case 1 is executed.\n");  
        case 2:  
            printf("Case 2 is executed.\n");  
        case 3:  
            printf("Case 3 is executed.\n");  
        case 4:  
            printf("Case 4 is executed.");  
    }  
    return 0;  
}
```

Lookie at the code