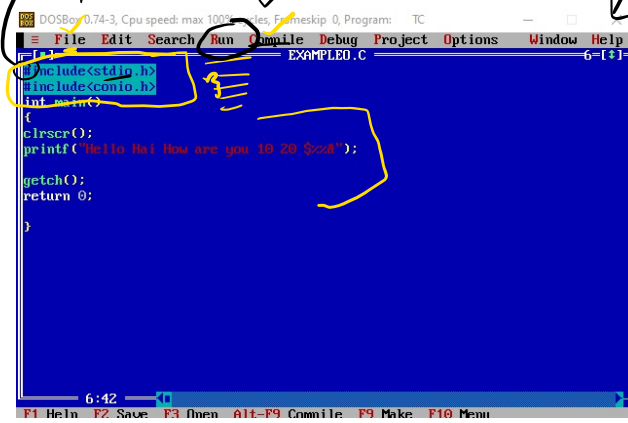


```
1 // Online C compiler.
2 Code, Compile, Run and Debug C program online.
3 Write your code in this editor and press "Run" button to compile and execute it.
4
5 *****/
6
7 #include <stdio.h>
8
9 int main()
10 {
11     printf("Hello World");
12
13     return 0;
14 }
15
16
```



Source Code (.c file)

|

v

Preprocessor (#include, macros, comments removal)

|

v

Compiler (Converts to Assembly code)

|

v

Assembler (Converts Assembly → Object code [.obj/.o])

|

v

Linker (Links Object code + C Libraries → Executable [.exe])

|

v

Loader (Loads program into memory)

|

v

Execution (Program runs on CPU)

