

compilation and execution

stdio.h

printf

Linker

clib

PP-C)

}
}

#preprocessor directive

cp /compil → output



Save → compile → Run
mistake → program → machine code

```
Online C Compiler.
Code, Compile, Run and Debug C program online.
Write your code in this editor and press "Run" button to compile and execute it.
*****/

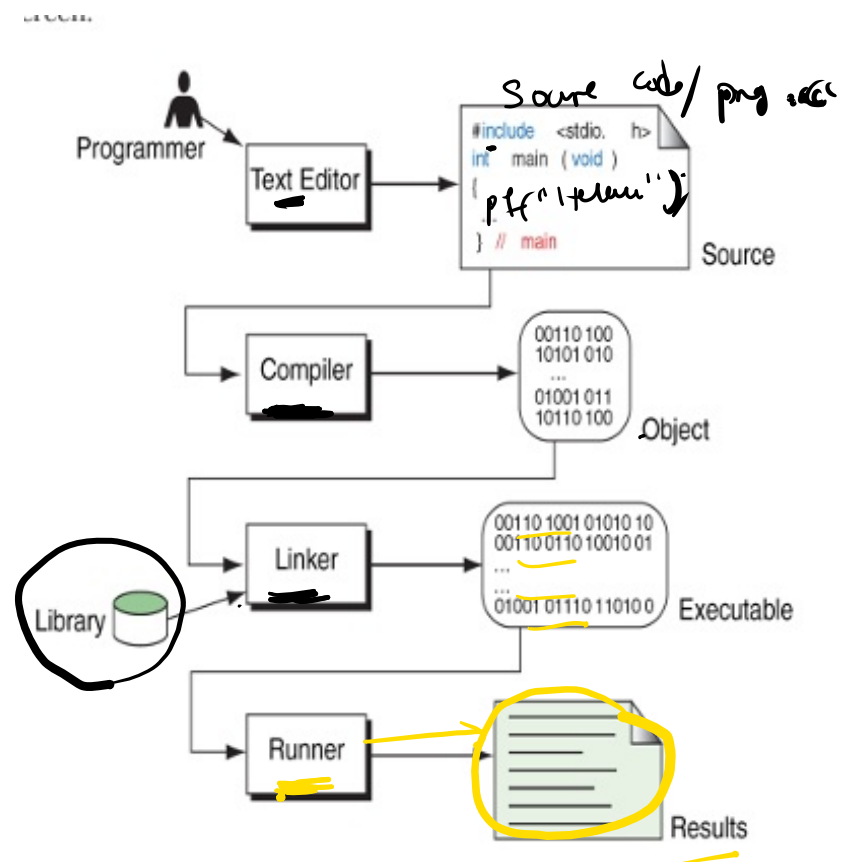
#include <stdio.h>
int main()
{
    printf("Hello World");
    return 0;
}
```

```
DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Program: TC
File Edit Search Run Compile Debug Project Options Window Help
EXAMPLE0.C 6-[+]-
#include<stdio.h>
#include<conio.h>
int main()
{
    clrscr();
    printf("Hello Hai How are you 10 20 $%d");
    getch();
    return 0;
}
```

Compiler →

- ① mistake/err
- ② translate human readable to machine level code

.c [compile]
↓
.obj
↓
.exe



.c (Source code)
↓ compiler
= Obj file
↓ Linker
• exe file
↓ Runner (Run)
Result