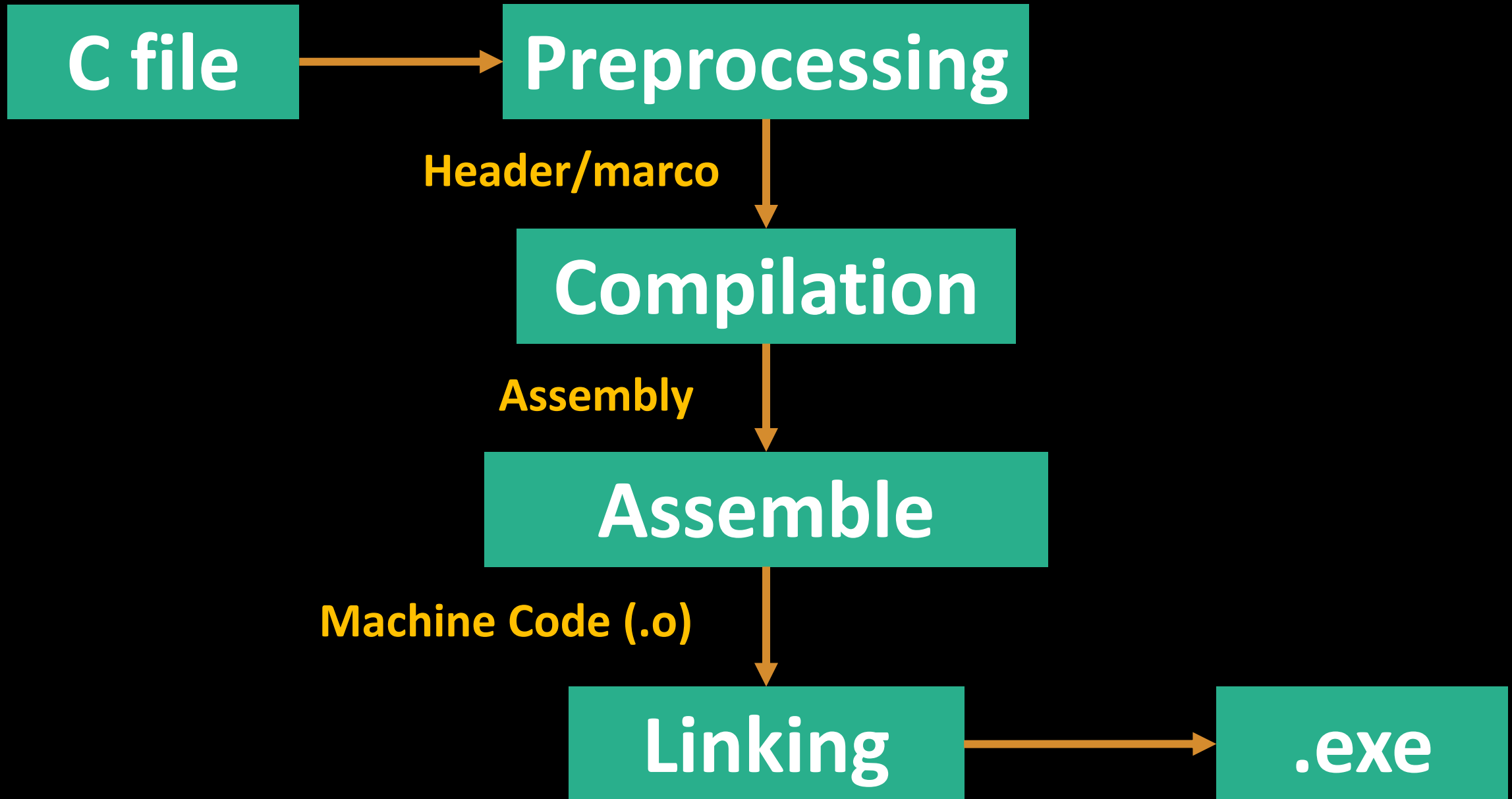
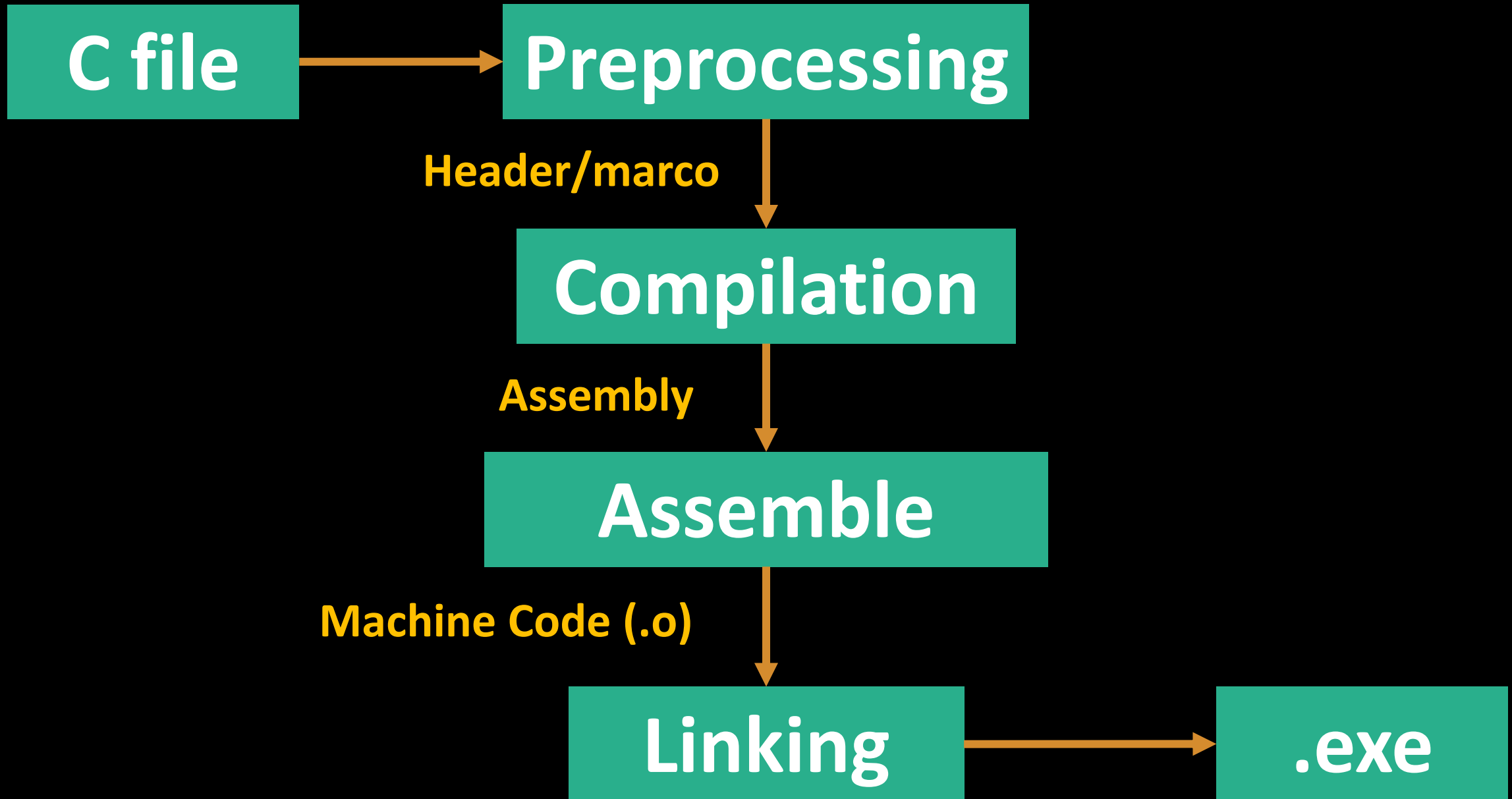


**What Computer
actually did when
compile and run C file ?**

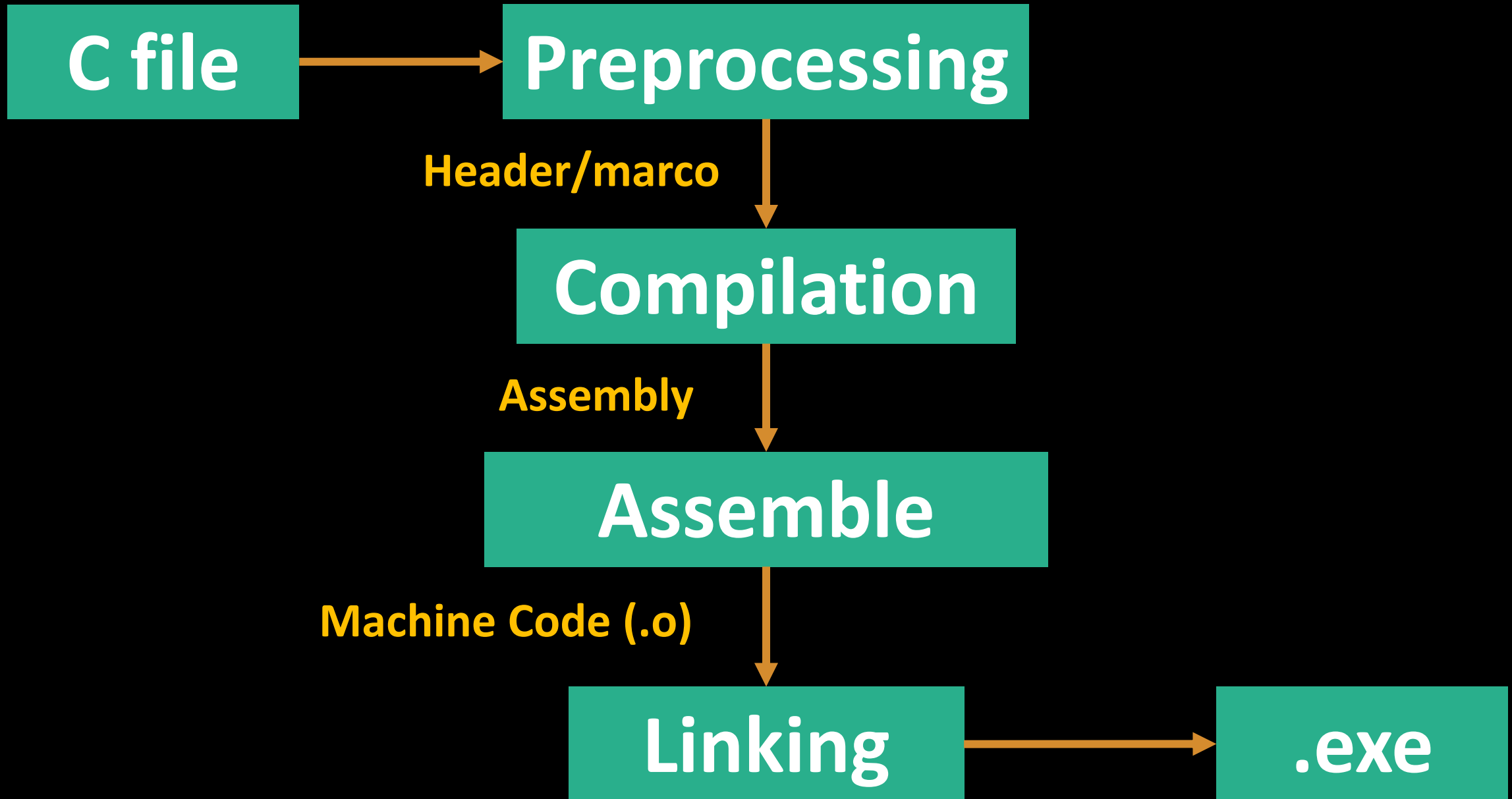


```
1  #include <stdio.h>
2  #define TIME 500
3
4  int main() {
5      for(int i = 0; i < TIME; i++){
6          printf("%d\n",i);
7      }
8  }
```

```
1  #include <stdio.h>
2
3  int main() {
4      for(int i = 0; i < 500; i++){
5          printf("%d\n",i);
6      }
7  }
```



```
5  set_tod_from_ports:
6      movl TIME_OF_DAY_PORT(%rip), %ecx
7      cmpl $0, %ecx
8      jl .ERROR_SET1
9      cmpl $1382400, %ecx
10     jg .ERROR_SET1
11
12     movl %ecx, %eax
13     shr $4, %eax
14     addl %eax, 0(%rdi)
15     movl %ecx, %eax
16     andl $8, %eax
17     je .NOT_ROUND_UP
18     addl $1, 0(%rdi)
```



```
1  #include <stdio.h>
2  #define TIME 500
3
4  int main() {
5      for(int i = 0; i < TIME; i++){
6          printf("%d\n",i);
7      }
8  }
```

