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## #if, #else, #elif, #endif

- As a file is being compiled, you can use these commands to cause certain lines of code to be included or not included (for compilation)



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## example

```
#define COUNTRY India
#ifdef COUNTRY==pakistan
    printf("Pakistani Rupees");
#elif COUNTRY==bangladesh
    printf("Taka");
#elif COUNTRY==Nepal
    printf("Nepali Rupees");
#else
    printf("Indian Rupees");
#endif
```



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## #ifdef, #ifndef

- `#ifdef` macro
- If the *macro* has been defined by a `#define` statement, then the code immediately following the command will be compiled
- `#ifndef`
- If the *macro* has not been defined by a `#define` statement, then the code immediately following the command will be compiled.

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## ##

- The `##` operator is used with the `#define` macro.
- Using `##` concatenates what's before the `##` with what's after it

```
#define ACTION(a,b) a##b+a*b
main()
{
    printf("%d",ACTION(3,4));
}
```

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