

## C-149 ⇒ Predefined Macros in C and

### Conditional Preprocessor Commands

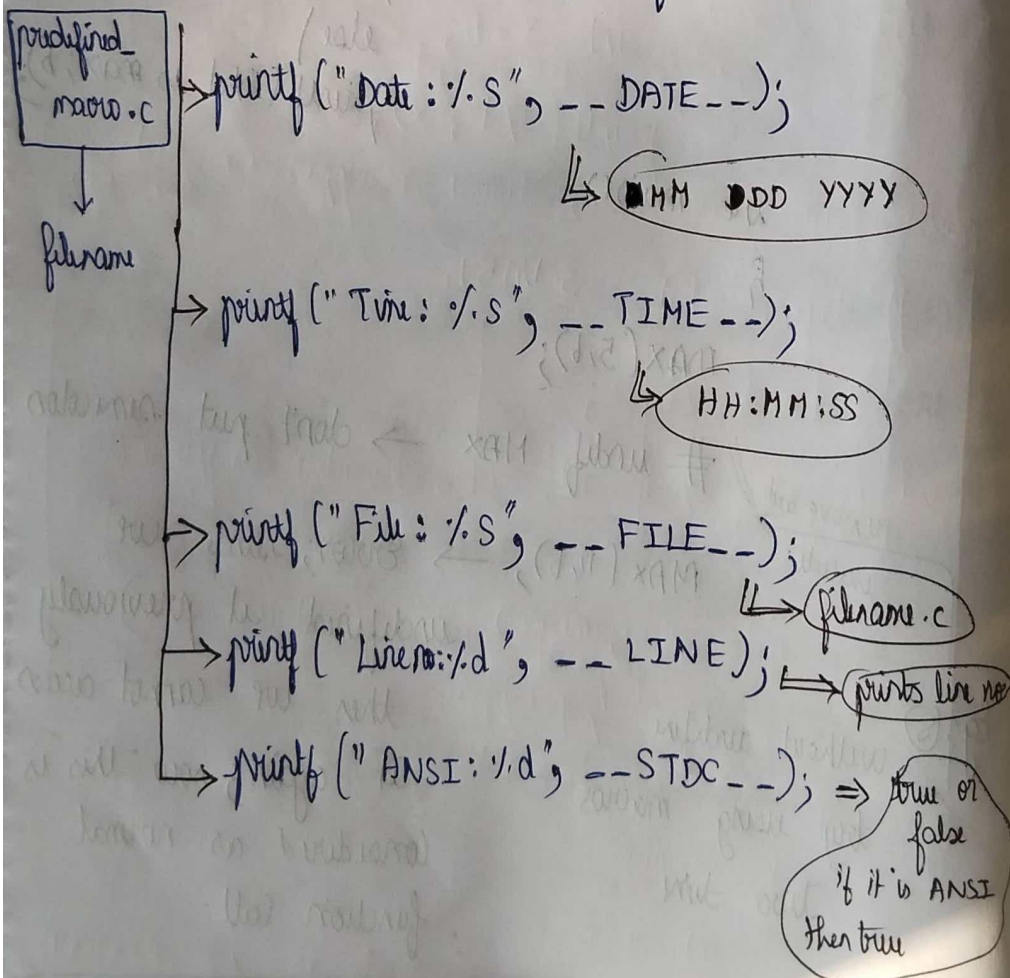
\* We know that to define and undefine a macro we use `#define` and `#undef` preprocessor directives/commands.

\* Now we will see some of the pre-defined macros like given below

↳ `--DATE--`

↳ `--TIME--`

\* How to use this predefined macros?



\* #ifdef, #if, #else, #endif these are conditional preprocessor commands

\* If you use Conditional predefined Commands these are used to skip a block of code before the execution or compilation of pgm.

\* Normal if else Condition are ~~executed~~ <sup>tested</sup> during the execution of the program.

Eg:-

```
#ifdef MACRO.  
{  
-----  
}  
#endif
```

→ If this 'MACRO' is defined then the lines of code is included in pgm.  
Since it returns true

Eg:-

```
#if Expression.  
{  
-----  
}  
#else  
{  
-----  
}
```

Eg: #ifndef MACRO. → If this 'MACRO' is not defined then it will return true.

