Problem Solving With C - UE24CS151B

Portable Program Development

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- Problem Statement

- Requirements

- Demo of C Solution

Problem Statement

- Demonstrate the real use of conditional compilation and pre-defined macros. Make the code portable across different platforms. Based on the current platform the code is run, particular part of the code must be compiled and executed

Requirements

- Part of the code to be compiled and executed depends on the macro set or not

    If **mingw in windows system**, the value of **__MINGW32__** will be 1

    If **unix/Linux system** is used, the value of **__unix__** is 1

    If **mac system** is used, the value of **__APPLE** is 1

    Note that there is no {} to specify the block

    No usage of ( ) to specify the macro

Demo of C Solution

- See the output of preprocessing on the terminal using gcc –E and then execute the code

THANK YOU

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