

## Unit 2 Lesson 7

macros / #pragma / constant.

### 11 macro

Syntax

- #define Identifier replacement-list ✓
- #define Identifier (parameter) replacement-list
- #define Identifier (parameter, ...) replacement-list
- #define Identifier (...) //

used 1,

#define PR (value, maxVal) ( $100\% \times \text{value} / (\text{double}) \text{maxVal}$ )

(...) → can be replaced by VA-ARGS

(##) replacement 1, 2 identifier in list 1, 2, 3, 4

concatenate new ←

# → means " " when used inside replacement list

## \* predefined macros \*

- STDC -  
- FILE - name of current file  
- LINE -  
- DATE -  
- TIME -  
- func -

## Conditional Compilation

# ifdef  
# ifndef

# if  
# else

# endif

## # pragma

# pragma startup [priority]

# pragma exit [priority]

priority from 64 to 255

Libraries vary from 0 to 63

Default priority 100

Lower values → higher priority

کتابخانه اس کی پیروی

قبل اس main

higher values → higher

کتابخانه اس کی پیروی

بعد اس main