**BIT directive:**

The **BIT** statement assigns an *address* (in the range 20h-2Fh or an 8051 bit-addressable SFR) to the specified *symbol*. The *symbol* may not be redefined

|  |
| --- |
| *Symbol* **BIT** *address* |

Syntax:

Example:

LED BIT P1.0

**Program linkage Directives:**

**PUBLIC:**

The **PUBLIC** statement specifies that the listed *symbol*s may be used in other files.

**EXTRN:**

The **EXTRN** statement (which may appear anywhere in the assembler source file) specifies *symbol*s that the current source file uses but which are defined in other files.

MACRO

|  |
| --- |
| MACRO\_NAME MACRO <PARAMETERS>  --------  -------- MACRO BODY  -------  **ENDM** |

**7 6 5 4 3 2 1 0**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **0** | **0** | **0** | **0** | **0** | **1** | **1** |

**A**

**7 6 5 4 3 2 1 0**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **RS1** | **RS0** |  |  |  |

**PSW**

**BANK 3**

**MOV A,#3**