

Steps to Execute 8086 Programs

- 1) Edit Program : EDIT prg1.asm
- 2) Type following program

```
DATA SEGMENT
    MSG DB "Welcome to 8086 Programming$"
DATA ENDS
```

```
CODE SEGMENT
    ASSUME CS:CODE, DS:DATA
```

```
    START:
        MOV AX, DATA
        MOV DS, AX
```

```
        MOV AH, 09H
        LEA DX, MSG
        INT 21H
```

```
        MOV AH, 4CH
        INT 21H
```

```
CODE ENDS
    END START
```

- 3) Save & Exit from Edit
- 4) Assemble Program: MASM prg1
- 5) Link Program: LINK prg
- 6) Execute Program: prg