

Welcome to the Class



Department of Computing and Information System

Basic Assembly Coding

```
.MODEL    SMALL//memory model SMALL LARGE COMPACT
```

```
.STACK
```

```
Stack - Stack segment er size 100H 100 HEX data nilam
```

```
.DATA ---Variable data segment e takbe
```

```
.CODE ....code segment programming er instruction ei kahne leka hy
```

```
MAIN PROC //main procedure
```

```
MOV AH, 4CH //MOV AH, 4CH means store (or "move") the hexadecimal value 4C into register AH
```

```
INT 21H //interuupt 21H ager line ta ke execute kore
```

```
//Reads a character from the standard input device and echoes it to the standard output device.
```

```
MAIN ENDP //main procedure terminate
```

```
END MAIN //terminate end main
```

Basic Assembly Coding for taking Single Input

```
.MODEL SMALL
.STACK 100H
.DATA
.CODE

MAIN PROC

MOV AH, 1    ;take input from user
INT 21H     ;interrupt call

;MOV BL, AL

MOV AH, 2
MOV DL, AL
;MOV DL, BL
INT 21H

MOV AH, 4CH
INT 21H

MAIN ENDP
END MAIN
```

Thanks to All