**Write an assembly language program to solve p= x2+y2 using Macro.(x**

**and y are 8 bit numbers. 4M**

**Ans :**

ASSUME CS:CODE,DS:DATA

**PROG MACRO a,b**

MOV al,a

MUL al

MOV bl,al

MOV al,b

MUL al

ADD al,bl

**ENDM**

**DATA SEGMENT**

x DB 02H

y DB 03H

p DB 1 DUP(0)

**DATA ENDS**

**CODE SEGMENT**

**START:**

MOV ax,data

MOV ds,ax

PROG x, y

MOV p,al

MOV ah,4Ch

Int 21H

**CODE ENDS**

**END START**