**Assignment1**

**1.start**

**2.declare variables**

**3.give input (number from the** **user and store it variable**

**4.check if(n%2==0) checking** **weather it is even or odd**

**If even** **it indicate** **square(claculate square of that num)**

**Return n\*n**

**If odd it indicate cube(claculate cube of that num)**

**Return n\*n\*n**

**5.end**

**Program:**

**#include<stdio.h>**

**Int main () {**

**Int** **num,result,choice;**

**Printf(“enter any num”);**

**Scanf(“%d”,&num);**

**If(nun%2==0)** **{**

**choice=1;**

**} else** **{**

**Choice=2;**

**}**

**If(choice==1)**

**{**

**Result=num\*num;**

**} else**  **{**

**Result=num\*num\*num;**

**}**

**Printf(“result: %d\****n”,result);**

**Return 0;**