

Task-6{Pseudo codes}

Question: Write Pseudo code for checking whether the entered number is an Armstrong number or not..

Pseudo Code:

BEGIN

DECLARE Temp, N

DECLARE Res, Rem

DECLARE choice

DISPLAY

Enter type of number

- 1. 3-Digit Number**
- 2. 4-Digit Number**

GET choice

GET N

ASSIGN TEMP=N

ASSIGN Res = 0

IF choice==1

WHILE N>0

COMPUTE Rem=N%10

Res=Rem*Rem*Rem + Res

N=N/10

END WHILE

ELSE

WHILE N>0

COMPUTE Rem=N%10

Res=Rem*Rem*Rem*Rem + Res

N=N/10

END WHILE

END IF

IF Temp==Res

DISPLAY “Number is an Armstrong number”

ELSE

DISPLAY “Number is not an Armstrong number”

END IF

END

Task-6{Flowchart}

