TASK 6

PSEUDOCODE FOR ARMSTRONG NUMBER

BEGIN

INPUT num

ASSIGN sum=0; copyofnum=num

WHILE num! =0

    ASSIGN rem=num%10; sum=sum+ (rem* rem* rem); num=num/10

IF compofnum==sum

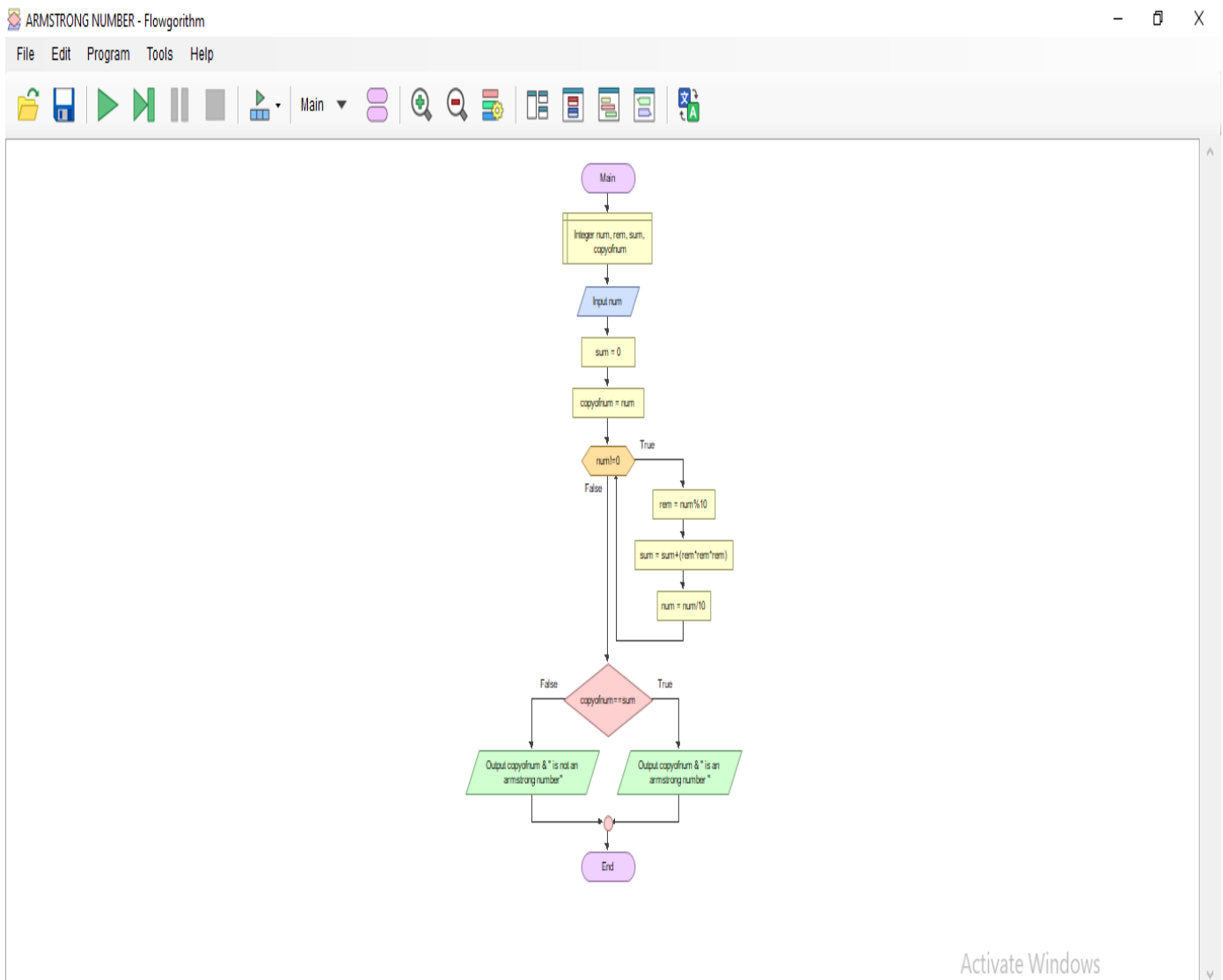   PRINT copyofnum & "is an armstrong number"

ELSE

    PRINT copyofnum & "is not an armstrong number"

ENDIF

ENDWHILE

END

FLOWCHART

ARMSTRONG NUMBER - Flowgorithm

File Edit Program Tools Help

Main

Main

Integer num, rem, sum, copyofnum

Input num

sum = 0

copyofnum = num

num!=0   True

False

rem = num%10

sum = sum+(rem*rem*rem)

num = num/10

False   copyofnum==sum   True

Output copyofnum & " is not an armstrong number"

Output copyofnum & " is an armstrong number "

End

CLEAR FLOWCHART