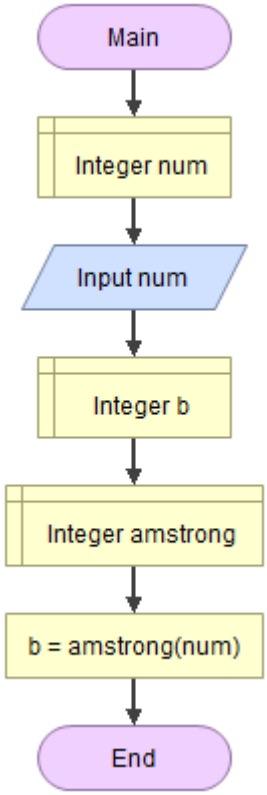
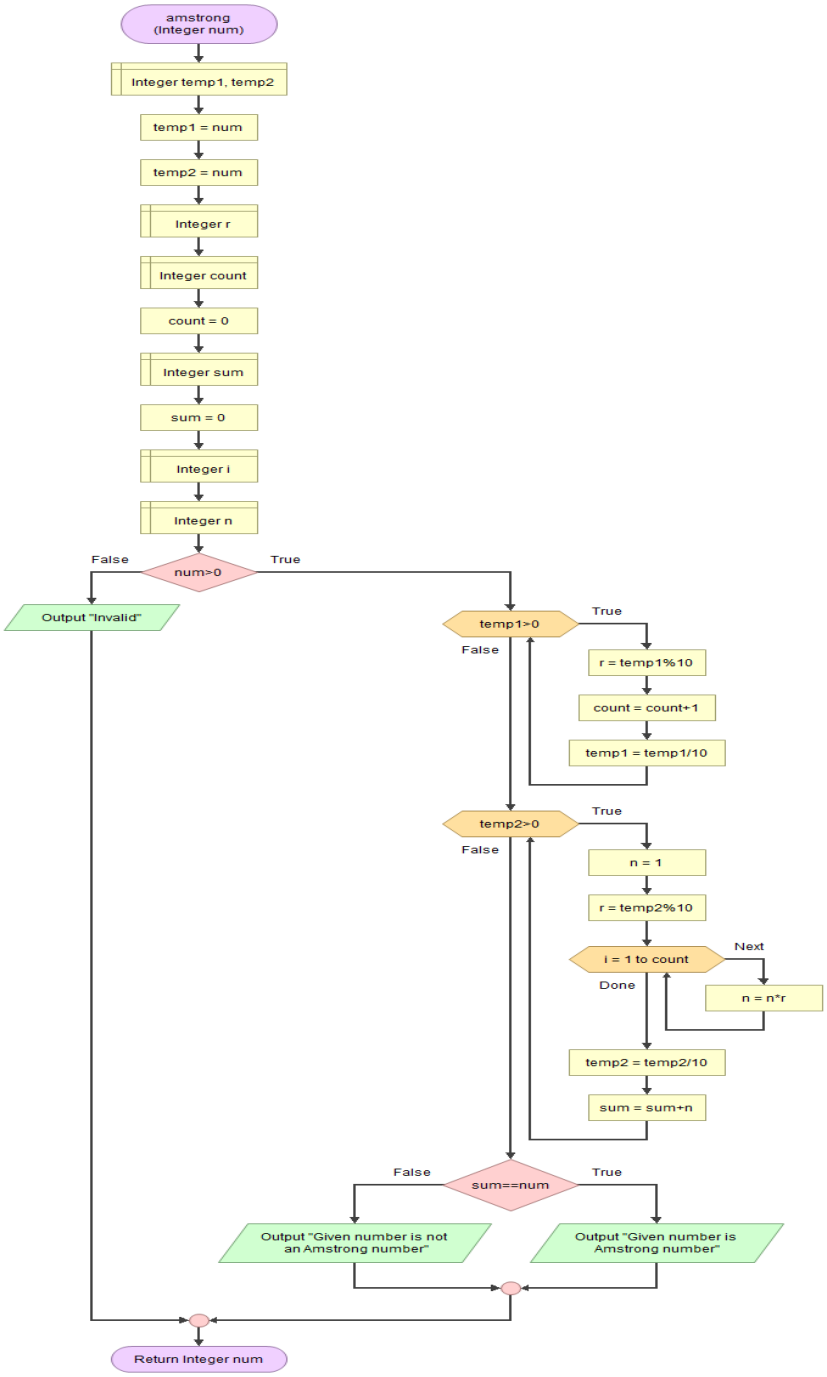
MAIN FUNCTION



AMSTRONG FUNCTION



PSEUDOCODE

MAIN FUNCTION

Declare integer num

Input num

Declare integer b

Assign b = amstrong (num)

END

FUNCTION AMSTRONG (Integer num)

Declare integer temp1, temp2

Assign temp1 = num

Assign temp2 = num

Declare integer r

Declare integer count

Assign count = 0

Declare integer sum

Assign sum = 0

Declare integer i,n

If num>0

While temp1>0

Assign r = temp1%10

Assign count = count+1

Assign temp1 = temp1/10

End

While temp2>0

Assign n = 1

Assign r = temp2%10

For i = 1 to count

Assign n = n*r

End

Assign temp2 = temp2/10

Assign sum = sum+n

End

If sum==num

Output “Given number is Amstrong number”

False:

Output “Given number is not an Amstrong number”

End

False:

Output “Invalid”

End

RETURN INTEGER NUM