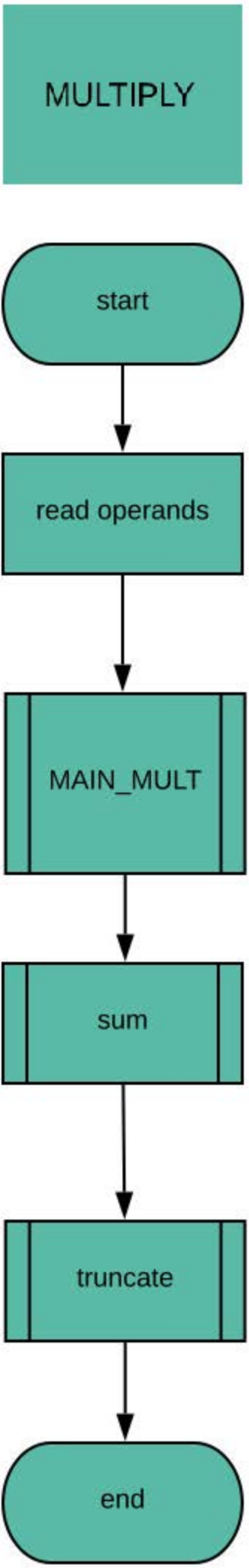
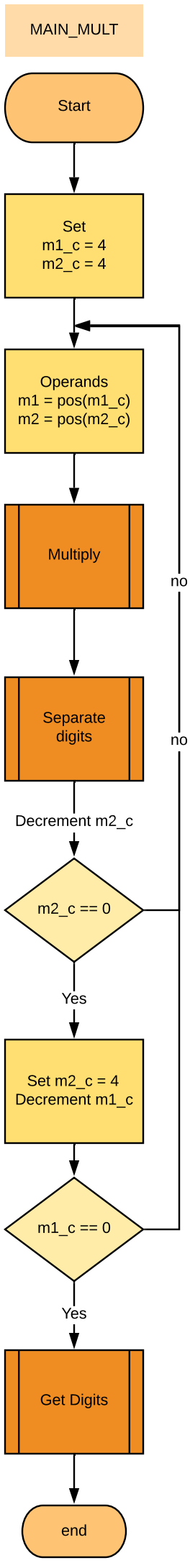
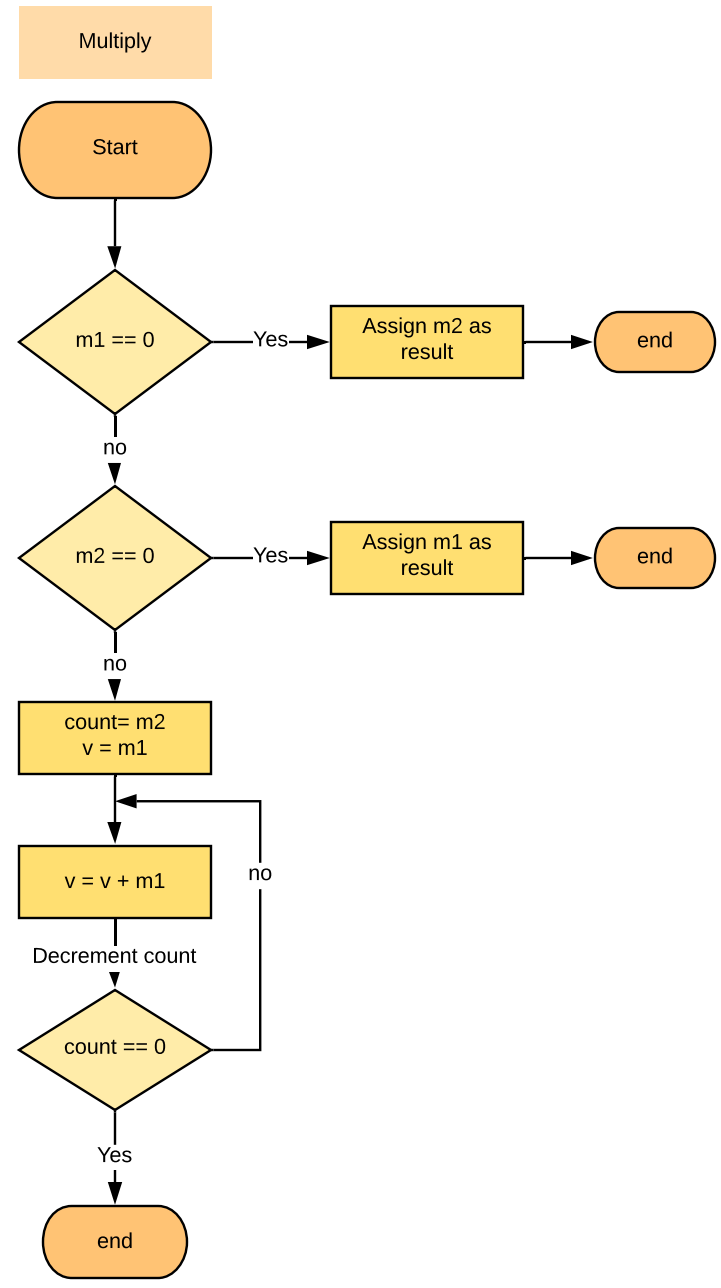
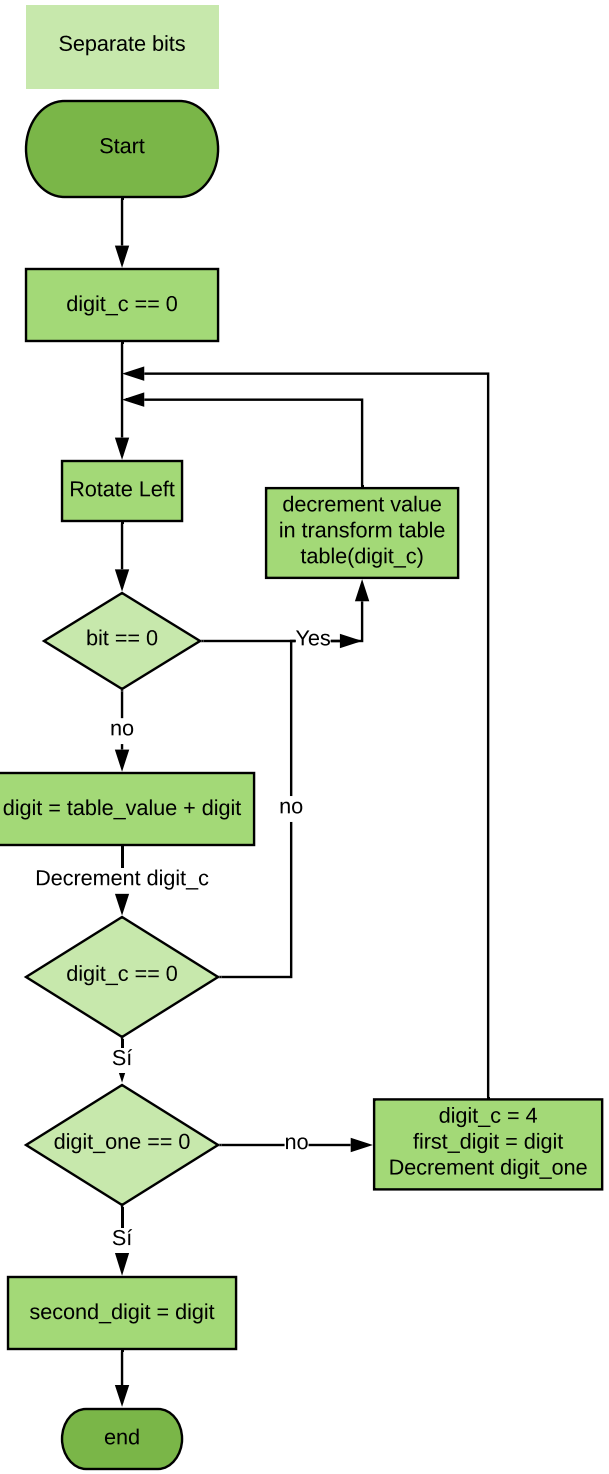

MULTIPLY
start
read operands
MAIN_MULT
sum
truncate
end

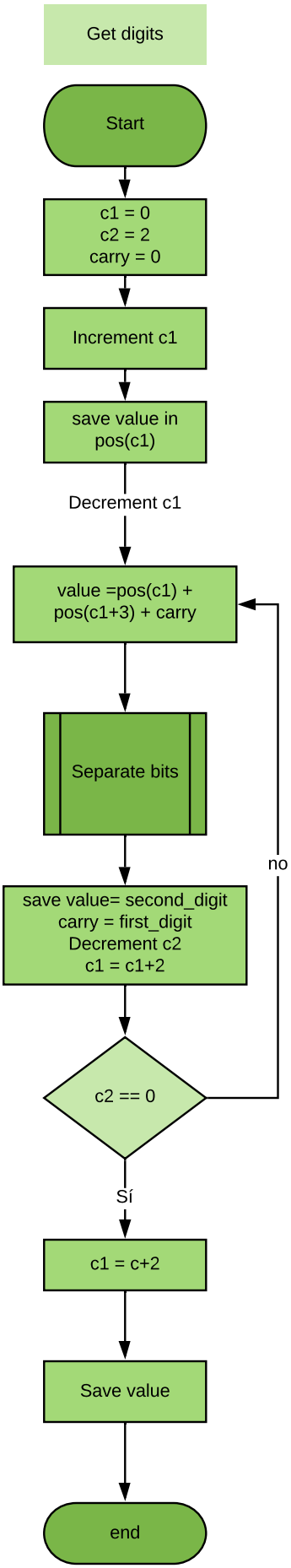
Multiplication Routine





Auxiliary Routine





sum

start

B=0

A0

B +=1

A1

B +=1

separte bits

B == 2

Yes

A2

B +=1

No

B == 3

Yes

A3

B +=1

No

B == 4

Yes

A4

B +=1

No

B == 5

Yes

A5

B +=1

No

B == 6

Yes

A6

B +=1

No

B == 7

Yes

A7

B +=1

No

truncate

start

B = 4

B == 0

Yes

save floating point and the next two digits

No

B -= 1

M == 0

Yes

No

save digit

B == 0

Yes

save floating point and the next two digits

No

B -=1

save digit

end

->18D9	01H	A0 = 18D9
->18DA	09H	A1 = 18DA + 18DE <- C1
->18DB	09H	A2 = 18DB + 18DF + 18E3 + C1 <- C2
->18DC	09H	A3 = 18DC + 18E0 + 18E4 + 18E8 + C2 <- C3
->18DD	08H	A4 = 18DD + 18E1 + 18E5 + 18E9 + C3 <- C4
->18DE	01H	A5 = 18E2 + 18E6 + 18EA + C4 <- C5
->18DF	09H	A6 = 18E7 + 18EB + C5 <- C6
->18E0	09H	A7 = 18EC + C6
->18E1	09H	
->18E2	08H	
->18E3	01H	
->18E4	09H	
->18E5	09H	
->18E6	09H	
->18E7	08H	
->18E8	01H	
->18E9	09H	
->18EA	09H	
->18EB	09H	
->18EC	08H	