Runtime stack representation of reverseInt

Console

8675

print 7 → 24   reverseInt (5)   } print 5
print 6 → 24   reverseInt (57)   } nothing
         → 24   reverseInt (576)   } nothing
print 8 → 24   reverseInt (5768)   } nothing
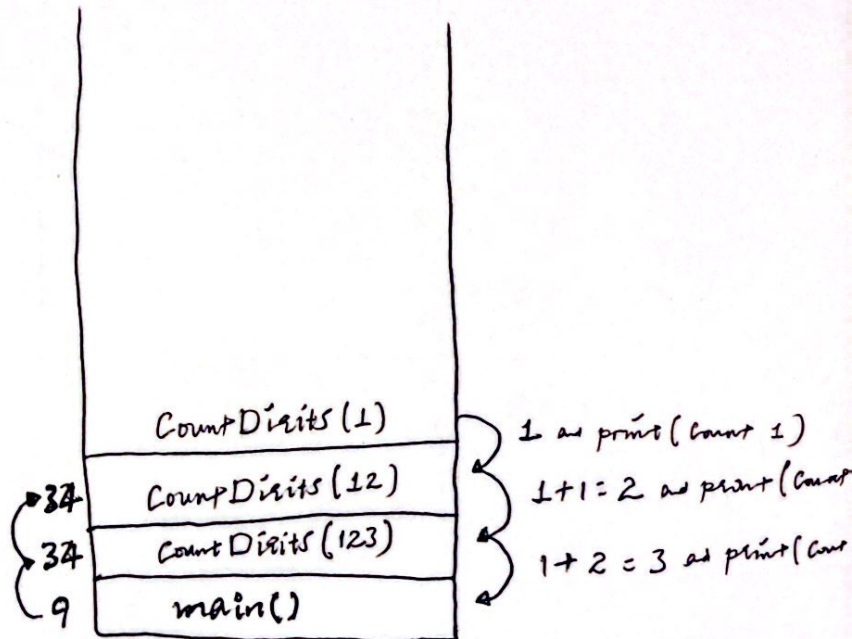   6   main   } nothing
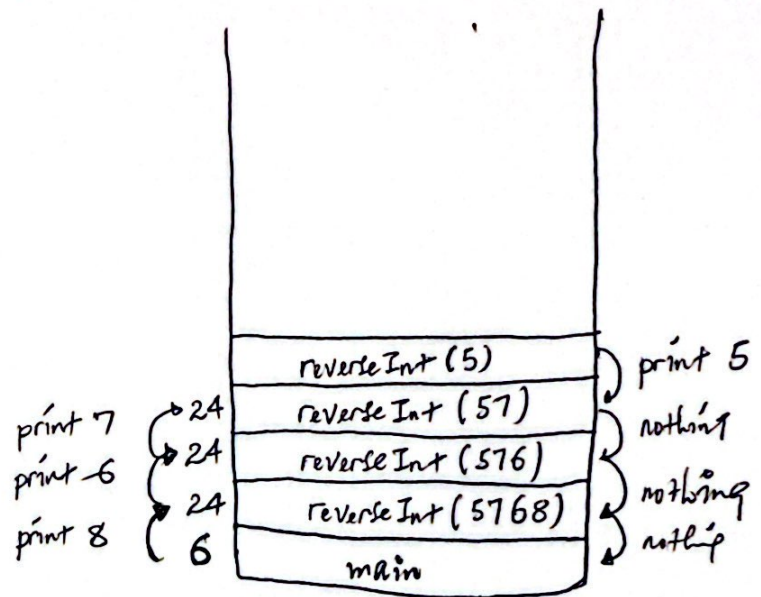
Runtime stack representation of Count Digits.

Console

Count is : 1
Count is : 2
Count is : 3

Count Digits (1)   1 as print (count 1)

•34   Count Digits (12)   1+1: 2 as print (count

•34   Count Digits (123)

9   main()   1+2 = 3 as print (count

Runtime Stack representation of SumArray

Console

Total Sum: 12

SumArray ({6,1,2,3}, 1)   return 6
43 | SumArray ({6,1,2,3}, 2)   returns 1+6 = 7
43 | SumArray ({6,1,2,3}, 3)   returns 2+7 = 9
43 | SumArray({6,1,2,3}, 4)
12 | main( )   returns 3+9 = 12