

Programm 1.

10	reverseDigit(0)	=> 0	Print new line
7/8	reverseDigit(6)	=> reverseDigit(0)	Print => 6
7/8	reverseDigit(63)	=> reverseDigit(6)	Print => 3
7/8	reverseDigit(634)	=> reverseDigit(63)	Print => 4
7/8	reverseDigit(6341)	=> reverseDigit(634)	Print => 1
7/8	reverseDigit(63417)	=> reverseDigit(6341)	Print => 7
7/8	reverseDigit(634175)	=> reverseDigit(63417)	Print => 5
15	reverseDigit(6341759)	=> reverseDigit(634175)	Print => 9
14	main()		

Output: 9571436

Program 2.

10/7	countDigit(4)	=> 1
10	countDigit(47)	=> 1 + countDigit(4) = 1 + 1 = 2
10	countDigit(473)	=> 1 + countDigit(47) = 1 + 2 = 3
10	countDigit(4739)	=> 1 + countDigit(473) = 1 + 3 = 4
10	countDigit(47394)	=> 1 + countDigit(4739) = 1 + 4 = 5
15	countDigit(473942)	=> 1 + countDigit(47394) = 1 + 3 = 6
14	main()	

numDigit <= 6

Output: Number of digit: 6

Program 3

a = {2, 3, 1, 2}

9/6	sumArr(a,0)	=> 0
9	sumArr(a,1)	=> a[0] + sumArr(a,0) = 2 + 0 = 2
9	sumArr(a,2)	=> a[1] + sumArr(a,1) = 3 + 2 = 5
9	sumArr(a, 3)	=> a[2] + sumArr(a,2) = 1 + 5 = 6
14	sumArr(a, 4)	=> a[3] + sumArr(a, 3) = 2 + 6 = 8
13	main()	

Output: 8