// Kelvin Kellner

// DIGIT SUM: Return the sum of the digits of any given integer

public static int digitSum(int num)

{

if(num==0)

return 0;

return num%10 + digitSum(num/10); // Return the value of the last digit + the result of the method after shifting the number over one digits place to the right (since the number is an integer, dividing by ten will automatically remove the remainder, since an integer can not be followed by any decimals).

}