CECS 524 Lab 13 Recursive Assembler Function Due EOL, 3/21/18

Write an IBMPC assembly language version of the program below:

package cecs524lab13;

import java.util.Scanner;

public class CECS524Lab13 {

private static int recadd(int n){

if(n==1)

return 1;

else

return n + recadd(n-1);

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println

("This program adds a sequence of integers from n to 1");

System.out.print("Enter a number:");

int n = sc.nextInt();

System.out.println("Sum is " + recadd(n));

}

}

recadd is a recursive summation function.