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/\* Lab 3 Question 1 \*/

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/\* This Program calculates the sum of numbers from \*/

/\* m to n \*/

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#include<stdio.h>

int main()

{

//Declaration

int valueM, valueN, sum = 0, i = 0;

//Input

printf("Enter the value of m: ");

scanf("%d", &valueM);

printf("Enter the value of n: ");

scanf("%d", &valueN);

//Calculations

sum = valueM;

for(i = valueM + 1; i <= valueN; i++)

{

sum += i;

}

//Output

printf("Sum = %d", sum);

return 0;

}

/\*

Test Run 1:

Enter the value of m: 7

Enter the value of n: 11

Sum = 45

Test Run 2

Enter the value of m: 8

Enter the value of n: 12

Sum = 50

Test run 3

Enter the value of m: 9

Enter the value of n: 13

Sum = 55

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