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Lab manual 5

Lab Task

1. Convert the following while loop to a do-while loop:

int x = 1;

while (x > 0)

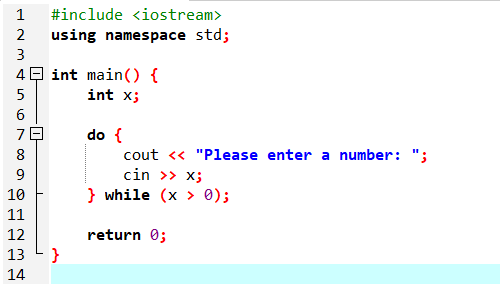
{

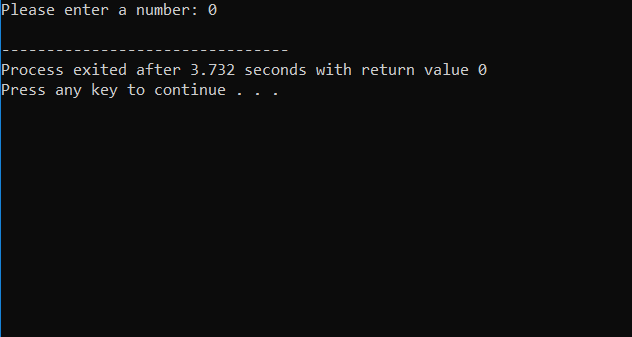
cout << "enter a number: ";

cin >> x;

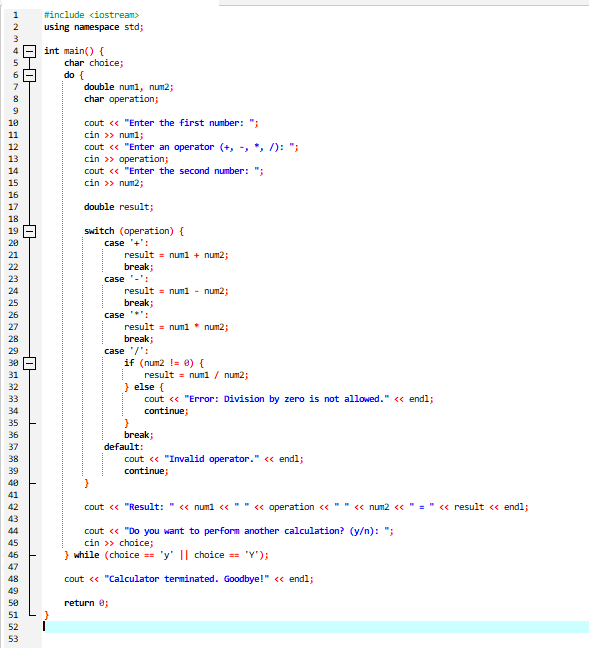
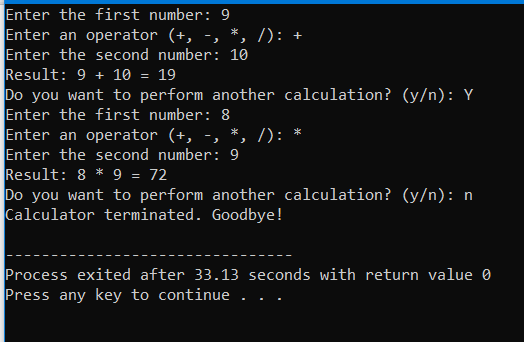
}

INPUT:



OUTPUT:  


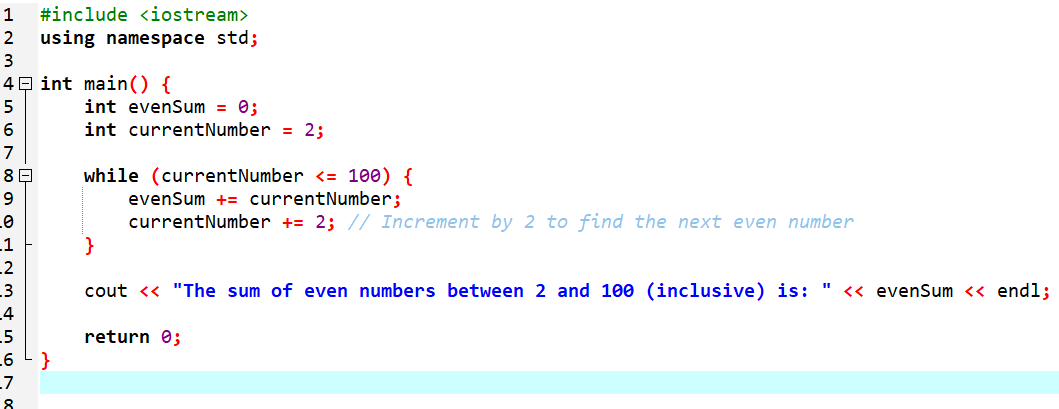
1. Use a do while loop to make a simple calculator for two numbers. Insert buttons for it to ask again and for termination.

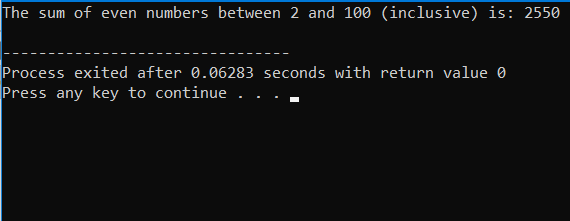
INPUT: OUTPUT:  


1. Write programs with while or do while loops that compute:

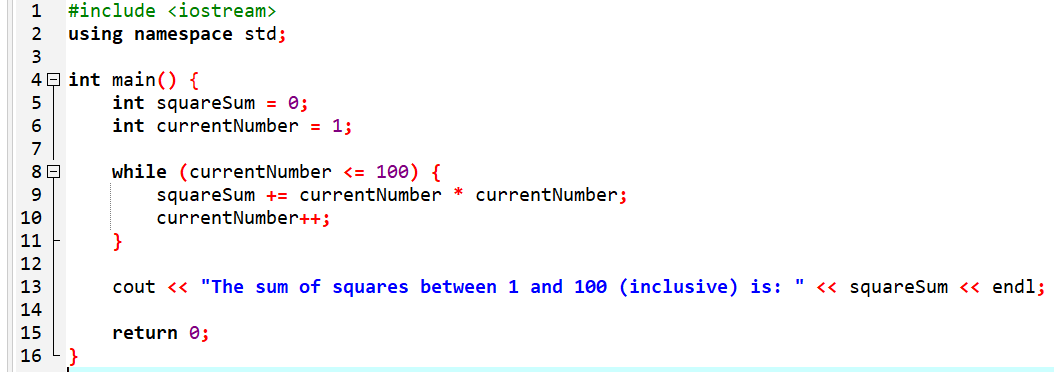
a. The sum of all even numbers between 2 and 100 (inclusive).

INPUT:

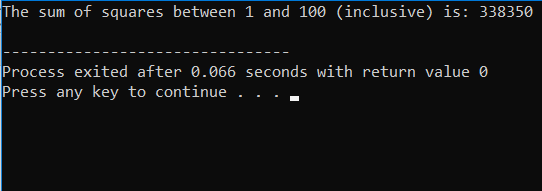


OUTPUT:  


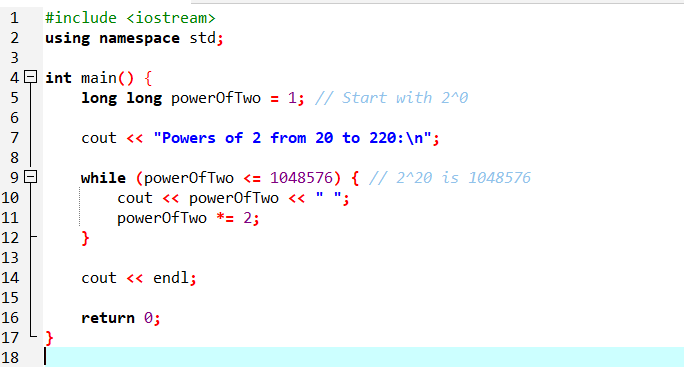
b. The sum of all squares between 1 and 100 (inclusive).

INPUT:  


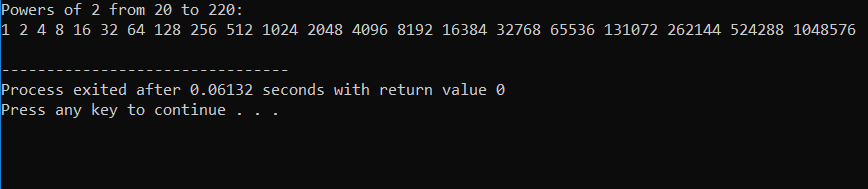
OUTPUT:



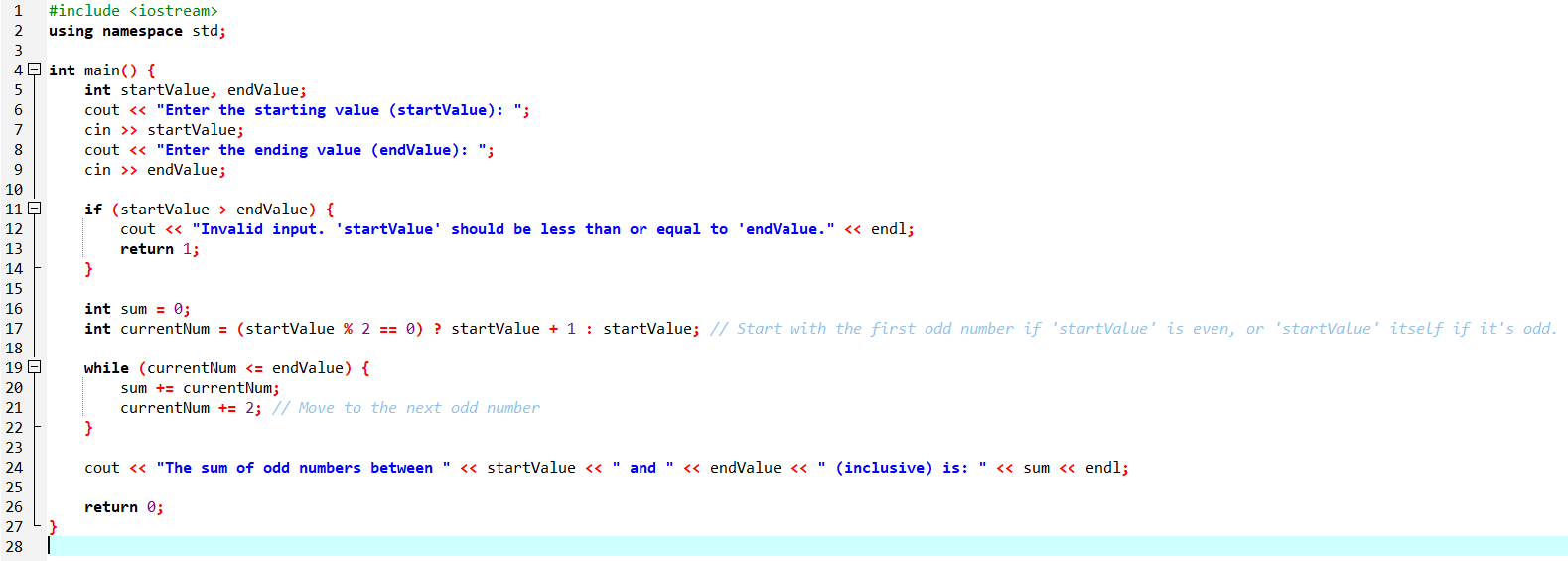
1. Write programs with while or do while loops that compute:
2. All powers of 2 from 2^0 up to 2^20

INPUT:  


OUTPUT:



1. The sum of all odd numbers between a and b (inclusive), where a and b are inputs.

INPUT:  


OUTPUT:  
