#include <iostream>

using namespace std;

int main()

{

int firstNum, secondNum, sum;

cout << "Enter 2 integers in increasing order seperated by a space: " << endl;

cin >> firstNum >> secondNum;

sum = 0;

for (; firstNum <= secondNum; firstNum++)

{

if (firstNum % 2 == 0)

{

sum = sum + firstNum;

}

} cout << "sum of all even number inbetween " << "is: " << sum;

return 0;

}

#include <iostream>

using namespace std;

int main()

{

int counter = 0;

int number;

int largest;

int secondLargest;

cout << "Enter the first number: ";

cin >> largest;

cout << "Enter next number: ";

cin >> number;

if (number > largest)

{

largest = number;

}

if (number = largest)

counter += 1;

while (number != -9999)

{

cout << "Enter next number: ";

cin >> number;

if (number > largest)

{

largest = number;

}

else if (number == largest)

counter += 1;

}

cout << "\nLargest is " << largest << " and occured " << counter << " times" << endl;

return 0;

}

#include <iostream>

using namespace std;

int main()

{

char redo = 'Y';

while (redo == 'Y')

{

int choice;

cout << "\n(1)Pounds to Kilograms\n(2)Kilograms to pounds\nSelection #: ";

cin >> choice;

switch (choice)

{

case 1:

{

double kilos, pounds;

cout << "\nEnter amount of pounds: ";

cin >> pounds;

kilos = pounds / 2.2;

cout << pounds << " pounds is " << kilos << " kilograms\nwould you like to run the program again(Y/N):";

cin >> redo;

break;

}

case 2:

{

double kilos, pounds;

cout << "\nEnter amount of kilograms: ";

cin >> kilos;

pounds = kilos \* 2.2;

cout << kilos << " kilograms is " << pounds << " pounds\nwould you like to run the program again(Y/N):";

cin >> redo;

break;

}

return 0;

}

}

}

#include <iostream>

#include <vector>

#include <iomanip>

using namespace std;

int main()

{

int i, N;

double Nfactorial;

Nfactorial = 1;

for (int i = 1; i <= 100; ++i)

{

cout << i << "\t" << Nfactorial << endl;

Nfactorial = Nfactorial \* (i + 1);

}

return 0;

}