#include <iostream>

using namespace std;

int pass(int v1);

int sum(int a, int b=20)

{

int result;

result = a + b;

return (result); //return result; with out brackets can be used

}

int main ()

{

// local variable declaration:

int a = 100;

int b = 200;

int value;

int res;

// calling a function to add two values.

res = sum(a, b);

cout << "Total value is when 2 values pass from main :\t" << res << endl;

// calling a function again as and passing only one value as following.

res = sum(a);

cout << "Total value is when 1 values pass from main :\t" << res << endl;

cout<<"Enter the value which pass from main to function \n function is define after the main function \n function is multiplication""\t"<<endl;

cin>>value;

res=pass(value);

cout<<res;

getchar();

getchar();

return 0;

}

/////////////////////////////////////////////////////////

int pass(int v1)

{

int mresult=v1\*2;

return mresult;

}