**Exercises**

**Exercise 1:**

* Write a Function larger, which returns the larger of the two given integers.

#include <iostream>

using namespace std;

int max( int x , int y)

{

int max;

if(x>y)

return max=x;

else

return y;

}

int main()

{

int num1, num2;

cout<<"Enter first number:";

cin>>num1;

cout<<"Enter second number:";

cin>>num2;

cout<<" the largest number is "<<max(num1,num2)<<endl;;

return 0;

}

**Exercise 2:**

* Write a Function Square, which returns the square of the given integer.

#include <iostream>

using namespace std;

int Square( int s)

{

int sq;

return sq= s\*s;

}

int main()

{

int n;

cout<<"Enter the number:";

cin>>n;

cout<<"the squer number is "<<Square(n)<<endl;

return 0;

}

**Exercise 3:**

* What is the output for the following codes:

// Program to check whether an integer is positive, negative or zero

#include <iostream>

using namespace std;

void num\_com(int a)

{

if ( a > 0)

{

cout << "You entered a positive integer: " << a << endl;

}

else if (a < 0)

{

cout<<"You entered a negative integer: " << a << endl;

}

else

{

cout << "You entered 0." << endl;

}

}

int main()

{

int number;

cout << "Enter an integer: ";

cin >> number;

num\_com(number);

return 0;

}

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