

Worksheet: Selection 1

A.

```
int num_1=10, num_2 = 5;
int sum =0;
if (num_1 == num_2)
    cout<<"The numbers are equal"<<endl;
else
    sum = num_1 + num_2;

cout << "Sum is " << sum<< endl;
```

What will be displayed on the screen?

Sum is 15

B.

```
int num_1=10, num_2 = 5;
int sum =0;

if (num_1 == num_2)
    cout<<"The numbers are equal"<<endl;

sum = num_1 + num_2;
cout << "Sum is " << sum<< endl;
```

What will be displayed on the screen?

Sum is 15

C.

```
int num_1=10, num_2 = 5;
int sum =0;

if (num_1 != num_2)
    cout<<"The numbers are not equal"<<endl;

sum = num_1 + num_2;
cout << "Sum is " << sum<< endl;
```

What will be displayed on the screen?

**The numbers are not equal
Sum is 15**

D.

```
int num_1=10, num_2 = 5;
int sum =0;

if (num_1 == num_2)
    cout<<"The numbers are equal"<<endl;
    sum = num_1 + num_2;
    cout << "Sum is " << sum<< endl;
```

What will be displayed on the screen?

Sum is 15

E. `int num_1=10, num_2 = 5;`
 `int sum =0;`

```
if (num_1 != num_2)
    cout<<"The numbers are not equal"<<endl;
else
    sum = num_1 + num_2;
    cout << "Sum is " << sum<< endl;
```

What will be displayed on the screen?

The numbers are not equal
Sum is 0

F. `int num_1=10, num_2 = 5;`
 `int sum =0;`

```
if (num_1 != num_2)
    cout<<"The numbers are not equal"<<endl;
else
{
    sum = num_1 + num_2;
    cout << "Sum is " << sum<< endl;
}
```

What will be displayed on the screen?

The numbers are not equal

G. `int num_1=10, num_2 = 5;`
 `int sum =0;`

```
if (num_1 = num_2)
    cout<<"The numbers are equal"<<endl;
else
{
    sum = num_1 + num_2;
    cout << "Sum is " << sum<< endl;
}
```

What will be displayed on the screen?

The numbers are equal
