Exercise

1. Create a new console application.
2. In the Main method, declare an integer Num1iable named Num1 and initialize it to 10. Then declare a nullable integernamed Num2 and initialize it to null.

3. Enter the following statements:

```
Console.WriteLine("Num2 has a value : {0}", Num2.HasValue);
Console.WriteLine("Num1 == Num2: {0}", Num1 == Num2);
Console.WriteLine("Num1 != Num2: {0}", Num1 != Num2);
```

4. Now, set Num2 equal to 20, and enter the following statements:

```
Console.WriteLine("Num2 has a value? :{0} ",
Num2.HasValue);Console.WriteLine("Num2 has the
value:{0}", Num2.Value); Console.WriteLine("Num1 ==
Num2: {0}", Num1 == Num2);
Console.WriteLine("Num1 != Num2: {0}", Num1 != Num2);
```

5. Set Num2 equal to null and enter the following statements:

```
Console.WriteLine("Num2 = {0}", Num2 ?? -1);
Console.WriteLine("Num2 = {0}", Num2.GetValueOrDefault());
Console.WriteLine("Num2 = {0}", Num2.GetValueOrDefault(-2));
```

6. Finally, set Num2 equal to 10 and enter the following statements:

```
Console.WriteLine("Num2 = {0}", Num2 ?? -1);
Console.WriteLine("Num2 = {0}", Num2.GetValueOrDefault());
Console.WriteLine("Num2 = {0}", Num2.GetValueOrDefault(-2));
```