Lab 04

1. **Create a C# Console application to convert user given Kilo Meter (km) Value to Meter (m) value. Take a separate Class call "ConvertValues" and inside the class create a method call kilometerTOmeter. (No return type No Parameter Method). And display the answer within the method. Then create an object in main Class (program class) and call the method.**

```
using System;

namespace ConsoleApplication1
{
   public class ConvertValues
   {
      public void KilometerToMeter(int kilometer)
      {

         int meter = kilometer * 1000;


         Console.WriteLine("The equivalent of " + kilometer + " kilometers in meters is " + meter);
      }
   }

   class Program
   {
      static void Main(string[] args)
      {

         ConvertValues convertValues = new ConvertValues();


         Console.WriteLine("Enter the kilometer value: ");
         int kilometer = int.Parse(Console.ReadLine());


         convertValues.KilometerToMeter(kilometer);


         Console.WriteLine("Press any key to continue...");
```

```
            Console.ReadKey();
        }
    }
}
```

2. Modify the same user defined method to method which accepts a parameter value. That parameter value is the user given Km value. (No return type with parameter method). Display the answer by using the class object.

```
using System;

namespace ConsoleApplication1
{
  public class ConvertValues
  {
    public void KilometerToMeter(int kilometer)
    {

      int meter = kilometer * 1000;


      Console.WriteLine("The equivalent of " + kilometer + " kilometers in meters is " + meter);
    }
  }

  class Program
  {
    static void Main(string[] args)
    {

      ConvertValues convertValues = new ConvertValues();


      Console.WriteLine("Enter the kilometer value: ");
      int kilometer = int.Parse(Console.ReadLine());


      convertValues.KilometerToMeter(kilometer);


      Console.WriteLine("Press any key to continue...");
      Console.ReadKey();
    }
  }
}
```

3. Modify the same user defined method to method which accept a parameter and returns the answer at the end of the method. You should return the calculated Meter value at the end of the method. (With return type with parameter method). Display the answer by using object.

```
using System;

namespace ConsoleApplication1
{
   public class ConvertValues
   {
      public int KilometerToMeter(int kilometer)
      {
         // Convert the kilometer to meter.
         int meter = kilometer * 1000;

         // Return the meter value.
         return meter;
      }
   }

   class Program
   {
      static void Main(string[] args)
      {

         ConvertValues convertValues = new ConvertValues();


         Console.WriteLine("Enter the kilometer value: ");
         int kilometer = int.Parse(Console.ReadLine());


         int meter = convertValues.KilometerToMeter(kilometer);


         Console.WriteLine("The equivalent of " + kilometer + " kilometers in meters is " + meter);


         Console.ReadKey();
      }
   }
}
```