1. Write a program to accept a name and display the same.

Solution:

```
using System;

class TestInput
{
   static void Main()
   {
      string strName;
      Console.WriteLine("Enter Your Name");
      strName=Console.ReadLine();
      Console.WriteLine("Your Name is {0}", strName);
    }
}
```

2. Write a program that accepts a number between 1 and 7 from the user and returns the corresponding day of a week. (1 - Monday, 2 -Tuesday and so on)

Solution:

```
using System;

class DaysOfWeek
{
   static void Main()
   {
      string strDow;
      Console.WriteLine("Enter a number between 1 and 7 :");
      strDow = Console.ReadLine();
      switch(strDow)
      {
         case "1":
            Console.WriteLine("First day of week is Sunday");
            break;
         case "2":
            Console.WriteLine("Second day of week is Monday");
            break;
         case "3":
            Console.WriteLine("Third day of week is Tuesday");
            break;
         case "4":
            Console.WriteLine("Fourth day of week is Wednesday");
            break;
         case "5":
            Console.WriteLine("Fifth day of week is Thursday");
```

```
            break;
         case "6":
            Console.WriteLine("Sixth day of week is Friday");
            break;
         case "7":
            Console.WriteLine("Seventh day of week is Saturday");
            break;
         default:
            Console.WriteLine("Enter a number between 1 and 7");
            break;
      }
   }
}
```

3. Write a program that calls a method to find the square of 10.

Solution:

```
using System;

class CalcSqr
{
   static void Main()
   {
      int intNum = 10;
      funcSqr(intNum);
      Console.ReadLine();
   }
   static void funcSqr(int intNum)
   {
      int intsqr;
      intsqr = intNum * intNum;
      Console.WriteLine("Square of the number 10 is {0}",
intsqr);
   }
}
```

4. Write a program to display the first 10 multiples of 5.

Solution:

```
using System;

class TestLoop
{
   static void Main()
   {
      int intRes, intCnt = 1;
      while (intCnt <= 10)
      {
```

```
         intRes = intCnt * 5;
         Console.WriteLine("{0}",intRes);
         intCnt = intCnt+1;
      }
   }
}
```

5. Write a program to list the first 10 prime numbers.

Solution:

```
using System;

class PrimeNumbers
{
   static void Main()
   {
      int intNum = 1, intCnt, intNumHalf = 0, intI = 0;
      bool IsPrime = true;
      Console.WriteLine("The First 10 Prime Numbers are:");
      while (intI < 10)
      {
         intNum += 1;
         intNumHalf = (intNum / 2);
         intCnt = 2;
         while (intNumHalf >= intCnt)
         {
            if ((intNum % intCnt) == 0)
            {
               IsPrime = false;
               break;
            }
            intCnt = intCnt+1;
         }
         if (IsPrime == true)
         {
            intI++;
            Console.WriteLine("{0}",intNum);
         }
         else
            IsPrime = true;
      }
      Console.ReadLine();
   }
}
```

DO IT YOURSELF

1. Write a program to accept a number and display whether it is odd or even.

2. Write a program to accept a character as input from the user. If the letter input is any one out of “a”, “e”, “i”, “o”, or “u” then display a message “You have input, Vowel” else display “This is not a Vowel”.