


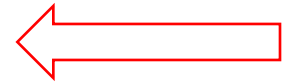
```
// 1 PROGRAM -----  
using System;  
namespace MyApplication  
{  
    class program  
    {  
          
  
        static void Main(string[] args)  
        {  
            Console.ReadLine();  
        }  
    }  
}
```

// 2 CLASS -----

```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
        }

        static void Main(string[] args)
        {
            Arrayclass ac = new Arrayclass();

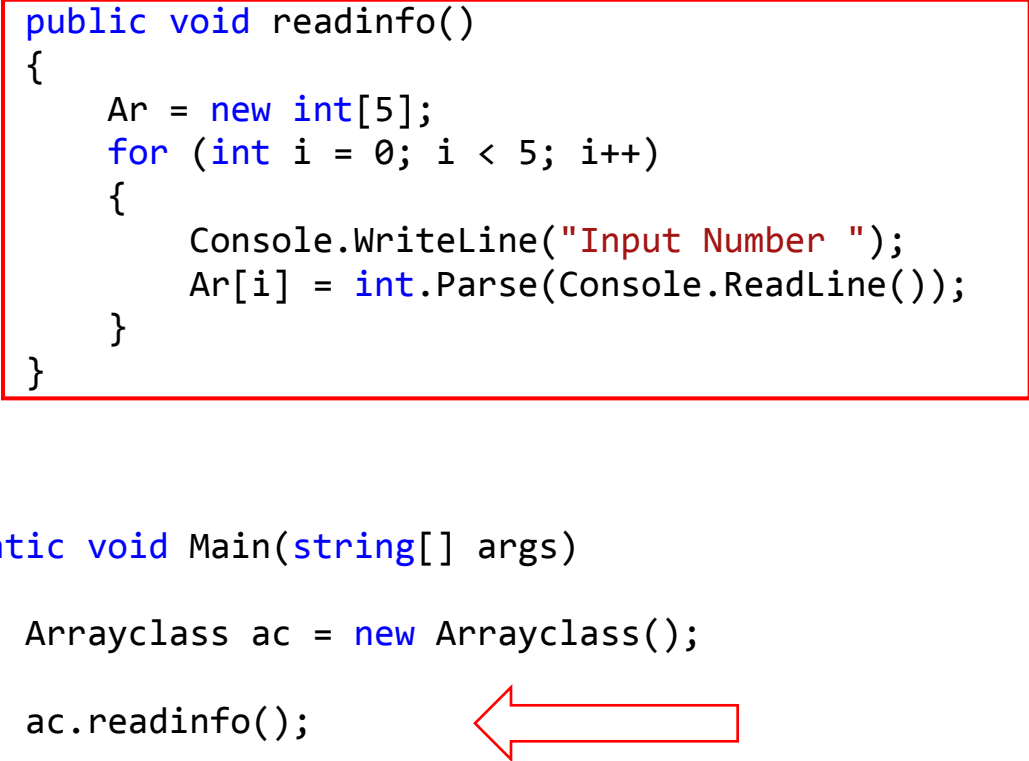
            Console.ReadLine();
        }
    }
}
```



```
// 3 METHOD -----
```

```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
        }

        static void Main(string[] args)
        {
            Arrayclass ac = new Arrayclass();
            ac.readinfo();
            Console.ReadLine();
        }
    }
}
```

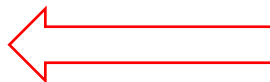


```
// 4 TWO METHODS -----
```

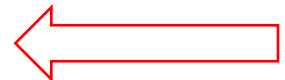
```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
            public void printinfo()
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Item =" + Ar[i]);
                }
            }
        }
    }

    static void Main(string[] args)
    {
        Arrayclass ac = new Arrayclass();

        ac.readinfo();
        ac.printinfo();
        Console.ReadLine();
    }
}
```



```
// 5 SUM METHOD -----  
using System;  
namespace MyApplication  
{    class program  
    {  
        class Arrayclass  
        {  
            public int[] Ar;  
            public void readinfo()  
            {  
                Ar = new int[5];  
                for (int i = 0; i < 5; i++)  
                {  
                    Console.WriteLine("Input Number ");  
                    Ar[i] = int.Parse(Console.ReadLine());  
                }  
            }  
            public void printinfo()  
            {  
                for (int i = 0; i < 5; i++)  
                {  
                    Console.WriteLine("Item =" + Ar[i]);  
                }  
            }  
            public int aSum()  
            {  
                int sum = 0;  
                for (int i = 0; i < 5; i++)  
                {  
                    sum += Ar[i];  
                }  
                return sum;  
            }  
        }  
        static void Main(string[] args)  
        {  
            Arrayclass ac = new Arrayclass();  
            ac.readinfo();  
            ac.printinfo();  
            Console.WriteLine("SUM= " + ac.aSum());  
            Console.ReadLine();  
        }  
    }  
}
```

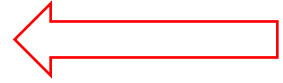


```
// 6 AVAREGE METHOD -----
```

```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
            public void printinfo()
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Item =" + Ar[i]);
                }
            }
            public int aSum()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                return sum;
            }
            public double aAvarege()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                double av;
                av = sum / 5;
                return av;
            }
        }
    }
}
```

```
static void Main(string[] args)
{
    Arrayclass ac = new Arrayclass();

    ac.readinfo();
    ac.printinfo();
    Console.WriteLine("SUM= " + ac.aSum());
    Console.WriteLine("AVAREGE= " + ac.aAvarege());
    Console.ReadLine();
}
}
```



7 MAX METHOD -----

```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
            public void printinfo()
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Item =" + Ar[i]);
                }
            }
            public int aSum()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                return sum;
            }
            public double aAverege()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                double av;
                av = sum / 5;
                return av;
            }
        }
    }
}
```

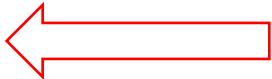


```
public int aMax()
{
    int maxno = 0;
    for (int i = 0; i < 5; i++)
    {
        if (Ar[i] > maxno)
            maxno = Ar[i];
    }
    return maxno;
}
```

```
}
```

```
static void Main(string[] args)
{
    Arrayclass ac = new Arrayclass();

    ac.readinfo();
    ac.printinfo();
    Console.WriteLine("SUM= " + ac.aSum());
    Console.WriteLine("AVAREGE= " + ac.aAvarege());
    Console.WriteLine("MAX= " + ac.aMax());
    Console.ReadLine();
}
}
```



8 SORT METHOD -----

```
using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
            public void printinfo()
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Item =" + Ar[i]);
                }
            }
            public int aSum()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                return sum;
            }
            public double aavarege()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                double av;
                av = sum / 5;
                return av;
            }
        }
    }
}
```

```

public int aMax()
{
    int maxno = 0;
    for (int i = 0; i < 5; i++)
    {
        if (Ar[i] > maxno)
            maxno = Ar[i];
    }
    return maxno;
}

```

```

public void aSort()
{
    int t = 0;
    for (int i = 0; i < 4; i++)
    {
        for (int j = i + 1; i < 5; j++)
        {
            if (Ar[i] > Ar[j])
            {
                t = Ar[i];
                Ar[i] = Ar[j];
                Ar[j] = t;
            }
        }
    }
}

```

```

}

```

```

static void Main(string[] args)
{
    Arrayclass ac = new Arrayclass();

    ac.readinfo();
    ac.printinfo();
    Console.WriteLine("SUM= " + ac.aSum());
    Console.WriteLine("AVAREGE= " + ac.aAvarege());
    Console.WriteLine("MAX= " + ac.aMax());
    ac.aSort();
    ac.printinfo();

    Console.ReadLine();
}
}
}

```



```

using System;
namespace MyApplication
{
    class program
    {
        class Arrayclass
        {
            public int[] Ar;
            public void readinfo()
            {
                Ar = new int[5];
                for (int i = 0; i < 5; i++)
                {
                    Console.Write("Input Number ");
                    Ar[i] = int.Parse(Console.ReadLine());
                }
            }
            public void printinfo()
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Item =" + Ar[i]);
                }
            }
            public int aSum()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                return sum;
            }
            public double aAverege()
            {
                int sum = 0;
                for (int i = 0; i < 5; i++)
                {
                    sum += Ar[i];
                }
                double av;
                av = sum / 5;
                return av;
            }
            public int aMax()
            {
                int maxno = 0;
                for (int i = 0; i < 5; i++)
                {
                    if (Ar[i] > maxno)
                        maxno = Ar[i];
                }
                return maxno;
            }
            public void aSort()
            {
                int t = 0;
                for (int i = 0; i < 4; i++)
                {
                    for (int j = i+1; j < 5; j++)
                    {
                        if (Ar[i] > Ar[j])
                        {

```

```

        t = Ar[i];
        Ar[i] = Ar[j];
        Ar[j] = t;
    }
}
}
}
public int aSearch(int it)
{
    int loc=0;
    for (int i = 0; i < 5; i++)
    {
        if (Ar[i] == it)
        {
            loc = i;
            break;
        }
    }
    return loc;
}
}

static void Main(string[] args)
{
    Arrayclass ac = new Arrayclass();

    ac.readinfo();
    ac.printinfo();
    Console.WriteLine("SUM= " + ac.aSum());
    Console.WriteLine("AVAREGE= " + ac.aAvarege());
    Console.WriteLine("MAX= " + ac.aMax());
    ac.aSort();
    ac.printinfo();
    Console.WriteLine("LOCATION= " + ac.aSearch(6));
    Console.ReadLine();
}
}
}
}
}
}

```