

## Get/Set Modifier (C#)

The **get/set accessor** or **modifier** mostly used **for storing and retrieving** the **value** from the **private field**.

The **get accessor** must **return** a **value** of property type where **set accessor returns void**.

The **set accessor** uses an implicit parameter called **value**.

In simple word, the **get method** used for **retrieving the value** from private field whereas **set method** used for **storing the value** in private variables.

### Sample Program

```
. using System;
. using System.Collections.Generic;
. using System.Linq;
. using System.Text;
.
. namespace Get_Set
. {
.     class access
.     {
.         // String Variable declared as private
.         private static string name;
.         public void print()
.         {
.             Console.WriteLine("\nMy name is " + name);
.         }
.
.         public string Name //Creating Name property
.         {
.             get //get method for returning value
.             {
.                 return name;
.             }
.         }
.     }
. }
```

```
.      set // set method for storing value in name field.
```

```
.      {
```

```
.          name = value;
```

```
.      }
```

```
.  }
```

```
.  }
```

```
.
```

```
.  class Program
```

```
.  {
```

```
.      static void Main(string[] args)
```

```
.      {
```

```
.          access ac = new access();
```

```
.          Console.Write("Enter your name:\t");
```

```
.          // Accepting value via Name property
```

```
.          ac.Name = Console.ReadLine();
```

```
.          ac.print();
```

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

```
.      }
```

```
.  }
```

```
.  }
```

## Output

Enter your name:      Steven Clark

My name is Steven Clark\_