**What Are Properties In C#**

* Properties allow you to control the accessibility of a class variables, and are the recommended way to access variables from the outside in c#.
* A property is much like a combination of a variable and a method - it can't take any parameters, but you are able to process the value before it's assigned to our returned.
* Properties are like data fields (variables), but have logic behind them.
* From the outside, they look like any other member variable.
  + But they act like a member function.
* Defined like a field, with “get” and “set” accessors code added.
* Properties are also used for encapsulation.

**Types Of Properties In C#**

* Read / write properties
* Read only properties
* Write only properties
* Auto implemented properties