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Implicitly Typed Variables

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Implicitly Typed Variables

- Implicitly Typed Variables are those variables, which are declared without specifying the data type explicitly, and specifying the "var" keyword"; so that the C# compiler automatically identifies the appropriate data type at compilation-time, based on the value assigned at the time of declaration.
- Rules:
 - It is not possible to assign "other type of values" into the implicitly typed variables, after declaration.
 - Implicitly Typed Variables can only be "local variables"; can't be used for method parameters, return type or fields.
 - Implicitly Typed Variables must be initialization, inline of declaration.
 - It is not possible to declare multiple implicitly typed variables in the same statement
 - `var x = 10, y = 20; //error`
 - It is not possible to assign "null" into implicitly typed variables (while declaration).
 - `var x = null; //error`

Implicitly Typed Variables

```
var variableName = value;
```