**Difference between var and Dynamic in C#**

1.Var is statically typed variable.

Dynamic is dynamically typed variable.

2. Var: While compiling the program, the compiler identifies what is the type of variable

Dynamic: Compiler need not to know about the data type of the variable while compiling.

3. Var: C# is strongly typed language, it is preferred generally to use the var keyword as it strongly binds the data type of the variable and data type cannot be changed at run time.

Dynamic: Dynamic should be used in the case, when we are not sure what type of object or value we will be getting in return.

4. Var: The variable of this type should be initialized at the time of declaration.

So that the compiler will decide the type of variable according to the value it initialized.

Dynamic: The variable of this type need not to be initialized at the time of declaration.

Because the compiler does not know the type of variable at compile time.

5. var myvalue = 10;

Myvalue = “John”;

Here, compiler will throw an error because the compiler has already decided the type of myvalue at the compile time.

dynamic myvalue = 10;

myvalue = “John”;

here, compiler will not throw an error because the compiler does not know the type of the variable at compile time.