

C# Math.BitIncrement() – Syntax & Examples

C# Math.BitIncrement() – Examples

In this tutorial, we will learn about the C# Math.BitIncrement() method, and learn how to use this method to find the next largest value for a given double, with the help of examples.

BitIncrement(Double)

Math.BitIncrement(x) returns the next largest value that compares greater than `x`.

Syntax

The syntax of BitIncrement(Double) method is

```
Math.BitIncrement(Double x)
```

where

Parameter	Description	
x	The double value to increment.	

Return Value

The method returns a Double value.

Example 1 – BitIncrement(Double)

In this example, we will use Math.BitIncrement() method and find the next largest value for some double-point precision floating numbers.

C# Program

```
using System;
```

```

class Example {
    static void Main(string[] args) {
        Double x, result;

        x = 12.56;
        result = Math.BitIncrement(x);
        Console.WriteLine($"BitIncrement({x}) = {result}");

        x = 10;
        result = Math.BitIncrement(x);
        Console.WriteLine($"BitIncrement({x}) = {result}");
    }
}

```

Output

```

BitIncrement(12.56) = 12.560000000000002
BitIncrement(10) = 10.000000000000002

```

Conclusion

In this [C# Tutorial](#), we have learnt the syntax of C# Math.BitIncrement() method, and also learnt how to use this method with the help of C# example programs.

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