class NullableExample

{

static void Main()

{

int? num = null;

// Is the HasValue property true?

if (num.HasValue)

{

System.Console.WriteLine("num = " + num.Value);

}

else

{

System.Console.WriteLine("num = Null");

}

// y is set to zero

int y = num.GetValueOrDefault();

// num.Value throws an InvalidOperationException if num.HasValue is false

try

{

y = num.Value;

}

catch (System.InvalidOperationException e)

{

System.Console.WriteLine(e.Message);

}

}

}