Nullable types

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What is Nullable type?

- instances of the System.Nullable<T> struct.

- Can represent all the values of an underlying type T, and an additional null value.

- The underlying type T can be any non-nullable value type.

- T cannot be a reference type.

When to use Nullable type?

- When you need to represent the undefined value of an underlying type

- Database value

```
int? x = null;
```

?? Operator

- Called Null-coalescing operator

- It returns the left-hand operand if the operand is not null

- Otherwise it returns the right hand operand

```
// Set y to the value of x if x is NOT null; otherwise,
// if x == null, set y to -1.
int y = x ?? -1;
```