Out

A method can only *return* one value, but sometimes you need to output two pieces of information.

For example the `Int32.TryParse()` method tries to parse its input as an integer. If it can, it returns `true` and sets a specific variable to the new value. If it cannot it returns `false` and sets a specific variable to `null`. This is what the method's signature looks like:

```
public static bool TryParse (string s, out int result);
```

The method returns a boolean and accepts a string and `int` variable as input.

Here's how `Int32.TryParse()` and the `out` parameter are used:

```
int number;
bool success = Int32.TryParse("10602", out number);
// number is 10602 and success is true
int number2;
bool success2 = Int32.TryParse(" !!! ", out number2);
// number2 is null and success2 is false
```

The second parameter is labeled `out`, which means that it must be assigned a value within the method.

For a shortcut, you can declare the `int` variable within the method call:

```
bool success = Int32.TryParse("10602", out int number);
```

☑ **Instructions**

1.
Let's parse another string `ageAsString` to an integer.

First, define:

an `int` named `ageAsInt`

a `bool` named `outcome`

Define a variable like this:

```
string variableName;
```

You don't need to assign the variable a value yet.

2.

First, use `Int32.TryParse()` to convert `ageAsString`:

`ageAsInt` should be used as the `out` argument

`outcome` should capture the returned value

Here's the method signature again:

```
public static bool TryParse (string s, out int result);
```

You would call the method like this:

```
bool success;
success = Int32.TryParse("10602", out number);
```

3.
Print `outcome` and `ageAsInt` to the console.
4.
Repeat the process with `nameAsString`:

Define:

- an `int` named `nameAsInt`

- a `bool` named `outcome2`

Use `Int32.TryParse()` to convert `nameAsString`:

- `nameAsInt` should be used as the `out` argument

- `outcome2` should capture the returned value

Print the returned value and the `out` variable to the console.

> **Hint** ∨
>
> `outcome2` should be `false` because "Granny" can't be parsed to an integer.