

# Class StudentValidation

This important class contains utility methods that validate some of the constructor arguments for the objects created by the `Student` class.

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## Inheritance

- System.Object
  - StudentValidation

## Inherited Members

System.Object.Equals(System.Object)  
System.Object.Equals(System.Object, System.Object)  
System.Object.GetHashCode()  
System.Object.GetType()  
System.Object.MemberwiseClone()  
System.Object.ReferenceEquals(System.Object, System.Object)  
System.Object.ToString()

**Namespace:** [SchoolReportSystem.model.validation](#)

**Assembly:** SchoolReportSystem.dll

## Syntax

```
public static class StudentValidation
```

## [Methods](#)

### [CheckStudentIDRange\(Int32, String\)](#)

This method returns true/false depending on the whether digits of the ID string are valid for the year.

#### Declaration

```
public static bool CheckStudentIDRange(int year, string studentID)
```

#### Parameters

Type	Name	Description
System.Int32	<i>year</i>	The student's academic year.
System.String	<i>studentID</i>	The student's ID.

#### Returns

Type	Description
System.Boolean	A boolean true/false is returned, which depends on the ID value being in range or not.

### [IsStudentIDValid\(Int32, String\)](#)

This method checks if the ID field of a Student object is valid and returns a tuple of boolean and string, which depends on the validity.

#### Declaration

```
public static (bool, string) IsStudentIDValid(int year, string ID)
```

#### Parameters

Type	Name	Description
System.Int32	<i>year</i>	The student's academic year.
System.String	<i>ID</i>	The student's ID.

Returns

Type	Description
System.ValueTuple<System.Boolean, System.String>	A tuple of a boolean true/false dependent on the validity of the ID string and a h
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## [↗](#) IsStudentNameValid(String, String)

This method checks if the forename or surname fields of the Student object are valid; it returns a tuple of boolean and string, which depends on the validity.

Declaration

```
public static (bool, string) IsStudentNameValid(string name, string type)
```

Parameters

Type	Name	Description
System.String	<i>name</i>	The name string to be validated.
System.String	<i>type</i>	The type of name (forename/surname).

Returns

Type	Description
System.ValueTuple<System.Boolean, System.String>	A tuple of a boolean true/false dependent on the validity of the name string and
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