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Class ExportMethods

This class contains some useful utility methods used to support the `ExportData` class.

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Inheritance

☐ System.Object
   ☐ ExportMethods

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.utility

Assembly: SchoolReportSystem.dll

Syntax

```
public static class ExportMethods
```

Methods

AddSpaces(Int32)

This method simply returns a string of whitespaces with a quantity solely dependant on the int 'no' parameter.

Declaration

```
public static string AddSpaces(int no)
```

Parameters

Type	Name	Description
System.Int32	*no*	The number of whitespace characters required.

Returns

Type	Description
System.String	Whitespaces with a quantity equal to the 'no' parameter.

FixSpacing(List<Subject>, Subject, String)

This method returns a string of whitespaces that depend on the size of the field type string for a student.

Declaration

```
public static string FixSpacing(List<Subject> subjects, Subject s, string type)
```

Parameters

Type	Name	Description
System.Collections.Generic.List\<Subject\>	*subjects*	The list of subjects that need to be iterated through.
Subject	*s*	The current subject which requires one of its fields to be spaced out neatly with a
System.String	*type*	The type of string that needs to whitespaces inserted next to it.

Returns

Type	Description
System.String	The number of whitespaces required to space out the subject's field string.

⚭ GenerateOutput(School, AcademicYear)

This method executes the 'OuputInformation' method with differing parameters, depending on the year number of the AcademicYear object.

Declaration

```
public static void GenerateOutput(School sl, AcademicYear ay)
```

Parameters

Type	Name	Description
School	*sl*	The School object that needs to be outputted.
AcademicYear	*ay*	The AcademicYear object that will have student reports built from.

⚭ GetCurrentDate()

This method returns the current date in the 'DD/MM/YYYY' format.

Declaration

```
public static string GetCurrentDate()
```

Returns

Type	Description
System.String	The current date in the specified string format.

⚭ GetCurrentTime()

This method returns the current time in the 'HH:MM:SS' format.

Declaration

```
public static string GetCurrentTime()
```

Returns

Type	Description
System.String	The current time in the specified string format.

⚭ OutputFeedback(String, Int32, Int32, Int32)

This method returns a message dependent on the performance of the student in terms of their target grades for each subject.

Declaration

```
public static string OutputFeedback(string fullName, int above, int equal, int below)
```

Parameters

Type	Name	Description
System.String	*fullName*	The student's full name.
System.Int32	*above*	The number of subjects with grades that exceed the target
System.Int32	*equal*	The number of subjects with grades that meet the target.
System.Int32	*below*	The number of subjects with grades that lie below the target.

Returns

Type	Description
System.String	A message that represents feedback on the overall performance of a student, in relation to their target grades.

OutputInformation(School, AcademicYear, String)

This method writes the report data for each student to their own text file.

Declaration

```
public static void OutputInformation(School sl, AcademicYear ay, string qual)
```

Parameters

Type	Name	Description
School	*sl*	The School object that needs to be outputted.
AcademicYear	*ay*	The AcademicYear object that will have student reports built from.
System.String	*qual*	The current adademic qualification that the student is enrolled on.