

JavaScript is disabled on your browser.

- [Prev Class](#)
- **Next Class**
- [Frames](#)
- [No Frames](#)
- [All Classes](#)
- [Summary:](#)
- [Nested |](#)
- [Enum Constants |](#)
- [Field |](#)
- [Method](#)
- [Detail:](#)
- [Enum Constants |](#)
- [Field |](#)
- [Method](#)

cs131.pa2.Abstract

Enum Direction

- [java.lang.Object](#)
 - [java.lang.Enum<Direction>](#)
 - [cs131.pa2.Abstract.Direction](#)
- All Implemented Interfaces:
[java.io.Serializable](#), [java.lang.Comparable<Direction>](#)

Assignment Project Exam Help

```
public enum Direction  
extends java.lang.Enum<Direction>
```

The enum holding the direction that a vehicle is driving

Author:

cs131a

- [Enum Constant Summary](#)

[Enum Constants](#)

Enum Constant and Description

NORTH

SOUTH

- [Method Summary](#)

[All Methods](#) [Static Methods](#) [Instance Methods](#) [Concrete Methods](#)

**Modifier and
Type**

Method and Description

```
static Direction random()  
Returns a random value for direction from the available values.
```

```
java.lang.String toString()
```

```
static Direction valueOf(java.lang.String name)  
Returns the enum constant of this type with the specified name.
```

```
static Direction[] values()  
Returns an array containing the constants of this enum type, in the  
order they are declared.
```

- **Methods inherited from class `java.lang.Enum`**
`compareTo`, `equals`, `getDeclaringClass`, `hashCode`, `name`, `ordinal`, `valueOf`
- **Methods inherited from class `java.lang.Object`**
`getClass`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

- **Enum Constant Detail**

- **NORTH**
`public static final Direction NORTH`

- **SOUTH**
`public static final Direction SOUTH`

- **Method Detail**

- **values**
`public static Direction[] values()`

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (Direction c : Direction.values())
    System.out.println(c);
```

Returns:

an array containing the constants of this enum type, in the order they are declared

- **valueOf**
`public static Direction valueOf(java.lang.String name)`

Returns the enum constant of this type with the specified name. The string must match exactly an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

Parameters:

`name` - the name of the enum constant to be returned.

Returns:

the enum constant with the specified name

Throws:

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name
`java.lang.NullPointerException` - if the argument is null

- **toString**
`public java.lang.String toString()`

Overrides:

`toString` in class `java.lang.Enum<Direction>`

- **random**
`public static Direction random()`

Returns a random value for direction from the available values.

Returns:

a random value for direction

Assignment Project Exam Help

<https://powcoder.com>

Add WeChat powcoder

- [Prev Class](#)
- **[Next Class](#)**
- [Frames](#)
- [No Frames](#)
- [All Classes](#)
- [Summary:](#)
- [Nested |](#)
- [Enum Constants |](#)
- [Field |](#)
- [Method](#)
- [Detail:](#)
- [Enum Constants |](#)
- [Field |](#)
- [Method](#)

Assignment Project Exam Help

<https://powcoder.com>

Add WeChat powcoder