

API Documentation of the Die class

Class Die

java.lang.Object
Die

```
public class Die
extends Object
```

The Die class simulates a six-sided die.

Field Summary

Fields			
Modifier and Type		Field	Description
private int		sides	
private int		value	

Constructor Summary

Constructors	
Constructor	Description
Die(int numSides)	The constructor performs an initial roll of the die.

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
int	getSides()	The getSides method returns the number of sides for the die.
int	getValue()	The getValue method returns the value of the die.
void	roll()	The roll method simlates the rolling of the die.

Field Details

sides
private int sides
value
private int value

Constructor Details

Die

```
public Die(int numSides)
```

The constructor performs an initial roll of the die. The number of sides for the die is passed as an argument.

Parameters:

`numSides` - The number of sides for the die.

Method Details

roll

```
public void roll()
```

The roll method simulates the rolling of the die.

getSides

```
public int getSides()
```

The `getSides` method returns the number of sides for the die.

Returns:

The number of sides for the die.

getValue

```
public int getValue()
```

The `getValue` method returns the value of the die.

Returns:

The value of the die.