

Package [model](#)

Class Sunflower

java.lang.Object
 [model.Piece](#)
 [model.Sunflower](#)

```
public class Sunflower
extends Piece
```

The Sunflower class provides the PlantsVSZombie game with a single Piece type that once called can create a Sunflower Piece in of itself. This class only contains a constructor and simplifies the Piece class code. It uses its super class Piece to create a new object and passes it's designated parameters.

Version:

4.0

Author:

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Constructor Summary

Constructors	
Modifier	Constructor
	Sunflower()
	Creates a Sunflower with 5 health, 0 attack damage and 10 cost value.
private	Sunflower (java.lang.String name, char shortName, int health, int attack, int cost)

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
Sunflower	copy()	Used for a deep-copy in order to allow for proper undo/redo

Methods inherited from class java.lang.Object

clone, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

Sunflower

```
private Sunflower(java.lang.String name,
                  char shortName,
                  int health,
                  int attack,
                  int cost)
```

Sunflower

```
public Sunflower()
```

Creates a Sunflower with 5 health, 0 attack damage and 10 cost value.

Method Detail

copy

```
public Sunflower copy()
```

Description copied from class: Piece

Used for a deep-copy in order to allow for proper undo/redo

Specified by:

copy in class Piece

Returns:

Deep copy of the pieces