

## Overview

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## Constants

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- Constants are declared by the keyword **final** that indicates that their values cannot change once they are assigned
- So far our methods have been static
- If we want our static methods to access the constants – then the constants themselves must be **static** and **public**
- For example, we declare static methods as follows:

```
public static void drawDoubleLines()
```

- Likewise, we declare our constants as we would methods

```
public static final int PI = 3
```

```
public static final double PI = 3.142
```

## Constant – syntax and naming conventions

Class constant syntax:

- `public static final <type> <name> = <value> ;`
- Constants' names are usually written in ALL\_UPPER\_CASE.

➤ Other Examples:

```
public static final int DAYS_IN_WEEK = 7;
```

```
public static final double INTEREST_RATE = 3.5;
```

```
public static final int SSN = 658234569;
```