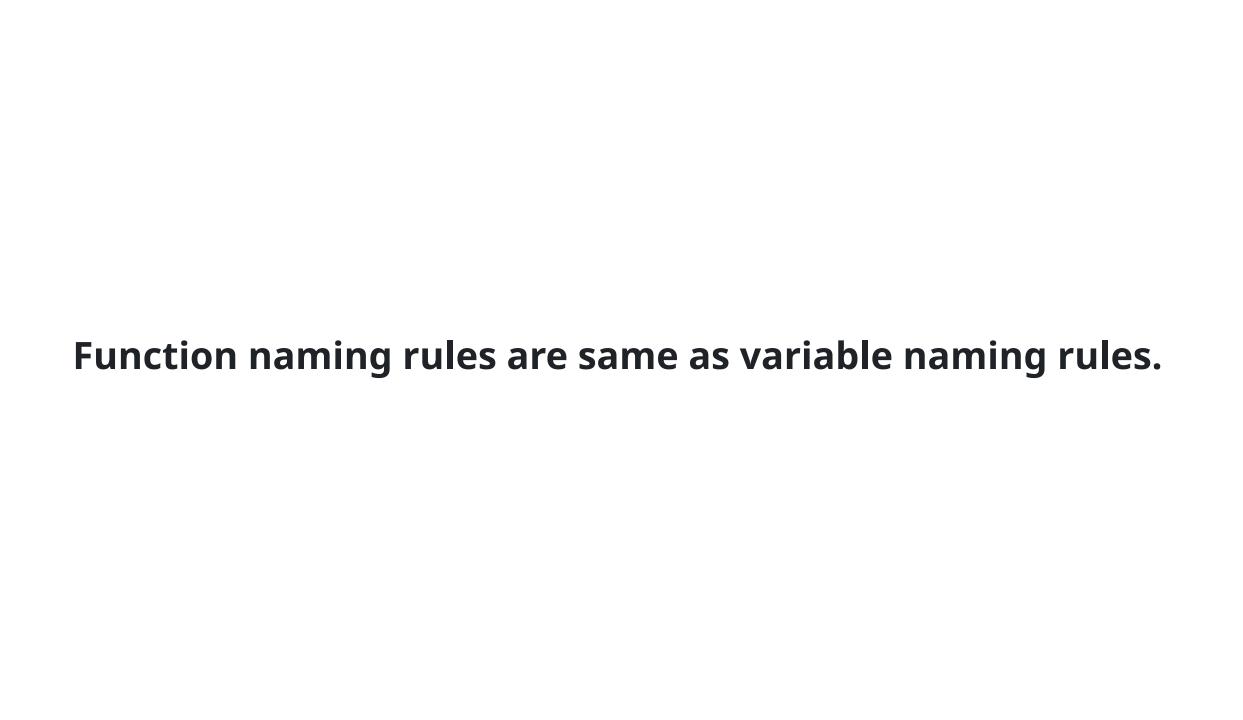
# **Java Programming For Beginners**

Day 5

## **Topics Covered Today**

- Functions
- Exceptions

A function is a routine.



Method and Function are synonymous in Java.

#### **Exercise**

Make function introduceYourSelf() and call it multiple times.

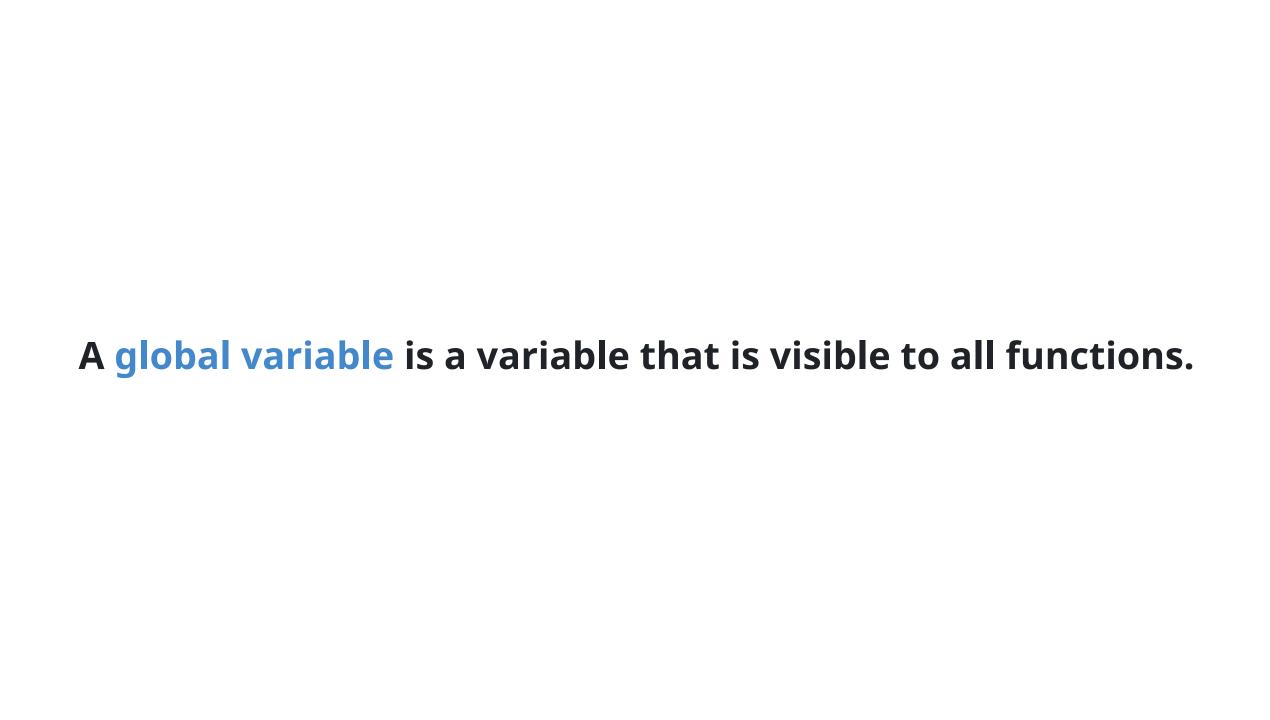
A function can take arguments.

#### **Exercise**

Modify the <a href="introduceYourSelf">introduceYourSelf</a>() function to to take name, age, etc. as arguments.

Reminder: Every function is a scope.

A variable defined inside a function is only visible inside that function.



A function can have a value.

Exercise make areaOfRectangle() function.

Multiple functions can have same name, but with different arguments.

An exception is a run-time error.

### To catch an exception use try and catch.

```
try {
    // do something
} catch (Exception e) {
    // what to do when an error happens
}
```

To make an exception yourself use throw

## **Thank You**