





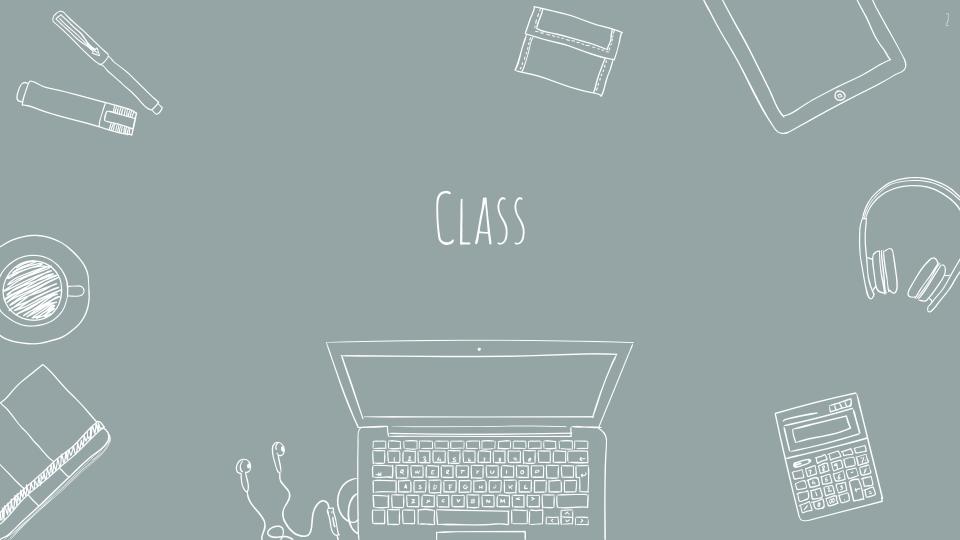
CHAPTER 7

CLASS AND OBJECT











STUDENT

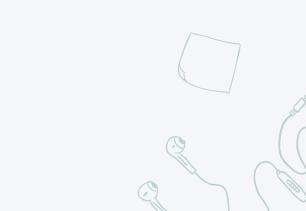


- First Name
- Last Name
- Roll Number
- Address
- Email Address





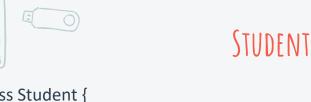




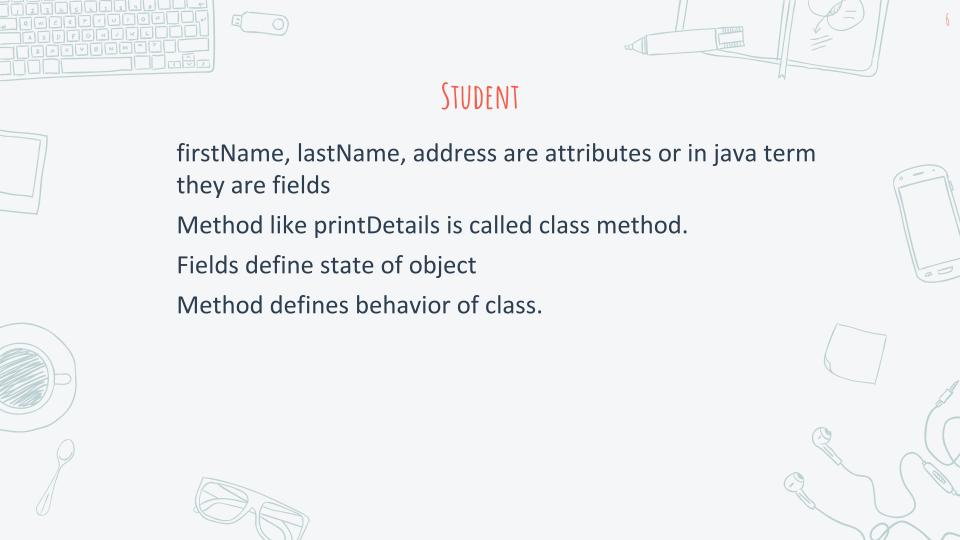


STUDENT

```
// Class name starts with Capital letter
public class Student {
    // Attribute name starts with small letter
    private String firstName;
    private String lastName;
    private int rollNumber;
    private String address;
    private String emailAddress;
    //No main method in this class
```

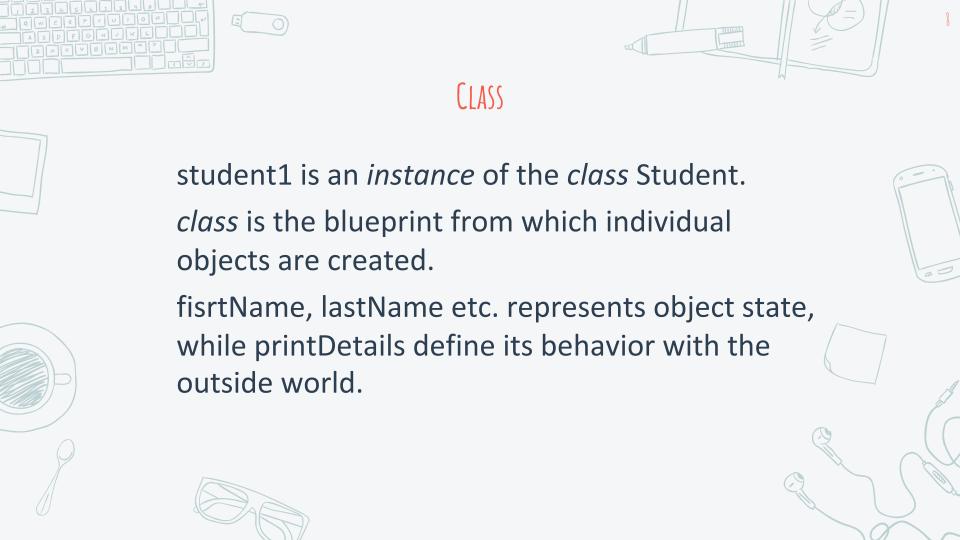


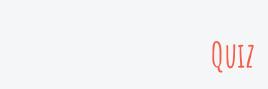
```
public class Student {
     private String firstName;
     // Public method to set first name
      public void setFirstName(String firstName) {
           this.firstName = firstName;
      // Public method to get first name
      public String getFirstName() {
           return firstName;
     public void printDetails() {
           System.out.println("First name: " + firstName);
           System.out.println("Last name: " + lastName);
           System.out.println("Full name: " + getFullName());
```





```
public class StudentApplication {
      //Note: main method in this class
      public static void main(String[] args) {
            // Declate student1 variable with data type Student
            Student student1;
            // Create new student class and assign it to variable
            student1 = new Student();
            // Call Method on object
            student1.setFirstName("Oreo");
            student1.setLastName("Garothaya");
            // Access student attributes
            System.out.println("First name: " + student1.getFirstName());
            System.out.println("Last name: " + student1.getLastName());
```





What should be class modifier Private or public? And why?

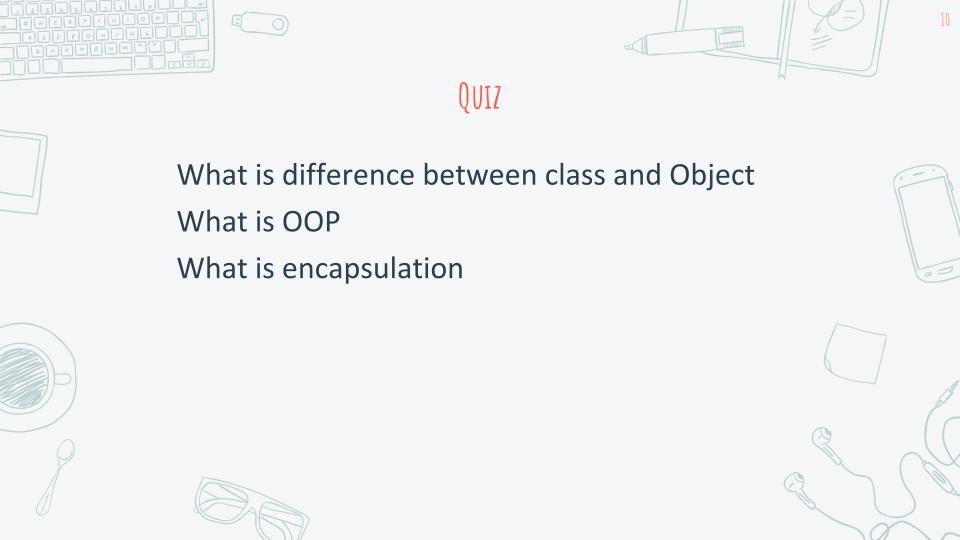
What is fields and method?

What is state of object?

What is behavior of class?

What should be class method identifier Private or Public and why?









Any questions?

You can find me at:

vijay_garry@hotmail.com

https://github.com/vijaygarry









