

For this exercise, follow the steps in document: **createNewJavaProject**

Use the following project, package and class names:

Project: **StudentProject**

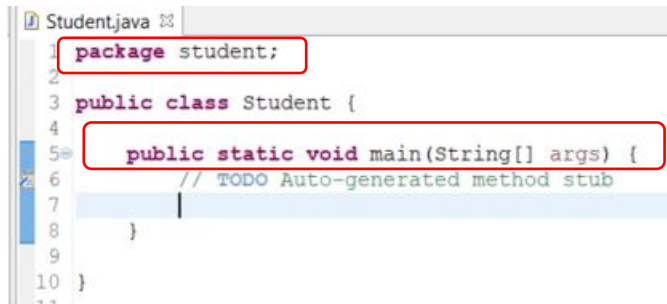
Package: **student**

Class: **Student**

You should have a copy of the source code.

The **Student.java** class file will open in the **Eclipse editor** window. Notice the **student** package name.

In the main method, enter the code below



```
package student;
```

```
public class Student {
```

```
    private String name; //private data can only be accessed by the class
    itself. For value, use getName method.
```

```
    private String idNum; //private data can only be accessed by the class
    itself. For value, use getIdNum method.
```

```
    private int age; //private data can only be accessed by the class
    itself. For value, use getAge method.
```

```
    private String status;
```

```
    public Student(){ //Constructor to initialize the data properties
        name = "JJS";
```

```
    }
```

```
    public Student(String stat){ //Constructor to initialize the data
    properties
```

```
        status = stat;
```

```
    }
```

```
    public int getAge() { //return age value
        return age;
```

```
    }
```

```

    public String getName() { //return name value
        return name;
    }
    public String getIdNum() { //return idNum value
        return idNum;
    }
    public String getStatus() { //return status value
        return status;
    }
    public void setAge(int newAge) { //Update the value of age
        age = newAge;
    }
    public void setName(String newName) { //Update the value of name
        name = newName;
    }
    public void setIdNum( String newId) { //Update the value of idNum
        idNum = newId;
    }
    public void setStatus( String theStat) { //Update the value of idNum
        status = theStat;
    }
}

public static void main(String[] args) {
    // TODO Auto-generated method stub

    Student myStudent = new Student("new"); //Instantiate Student
class and create new myStudent object

    myStudent.setAge(19); //call setAge method on
myStudent and pass in the int value of age
    myStudent.setName("John Doe"); //call setName method on
myStudent and pass in the String value of name
    myStudent.setIdNum("22-3333"); //call setName method on
myStudent and pass in the String value of idNum

    int studAge = myStudent.getAge(); //return the value of int age
to int studAge
    System.out.println(studAge); //Output studAge to the
Console

    String studName = myStudent.getName(); //return the value of
String name to String studName
    System.out.println(studName); //Output studName to the
Console

    String studIdName = myStudent.getIdNum(); //return the value of
String name to String studName
    System.out.println(studIdName);

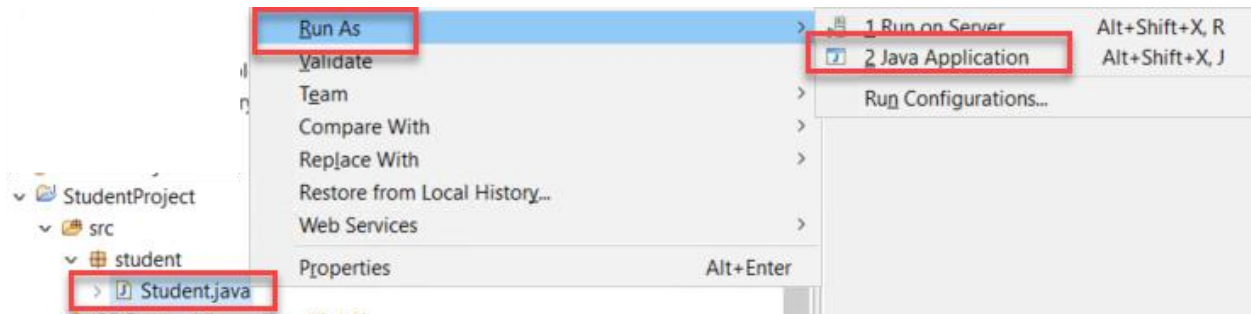
    String studStatus = myStudent.getStatus(); //return the value
of String name to String studStatus
    System.out.println(studStatus);

}
}

```

Run the application.

In the **StudentProject** project, select the **Student.java** class file, right click, click **Run As -> Java Application**.



The output will appear in the **Console** window.

