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Main.java  sims/pom.xml  HelloDiamante.java  SimsApplication.java  StudentEntity.java  application.properties
1 package com.cituccs.sims.Entity;
2
3 import javax.persistence.Entity;
4 import javax.persistence.GeneratedValue;
5 import javax.persistence.GenerationType;
6 import javax.persistence.Id;
7 import javax.persistence.Table;
8
9 @Entity
10 @Table(name="tbl_student")
11 public class StudentEntity {
12
13     //Keith Brylle Diamante BSIT-3
14
15     //define the data members - corresponds to table variables
16     @Id //specifies that ID is a primary key
17     @GeneratedValue(strategy = GenerationType.IDENTITY) //signifies that this field ID is auto incremented
18     private int id;
19
20     private String firstname;
21     private String lastname;
22     private String course;
23     private int yearlevel;
24
25     //define the constructor -> right click -> source -> generate from source
26     public StudentEntity(int id, String firstname, String lastname, String course, int yearlevel) {
27         super();
28         this.id = id;
29         this.firstname = firstname;
30         this.lastname = lastname;
31         this.course = course;
32         this.yearlevel = yearlevel;
33     }
34
35     //define the setter and getter methods -> right click -> source -> generate setter and getter
36
37     public int getId() {
38         return id;
39     }
40
41     public void setId(int id) {
42         this.id = id;
43     }
44
45     public String getFirstname() {
46         return firstname;
47     }
48
49

```

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Package Explorer
sims
├── src/main/java
│   ├── com.cituccs.sims
│   │   ├── com.cituccs.sims.controller
│   │   ├── HelloDiamante.java
│   │   ├── com.cituccs.sims.Entity
│   │   │   ├── StudentEntity.java
│   │   │   ├── com.cituccs.sims.Repository
│   │   │   └── com.cituccs.sims.Service
│   └── src/main/resources
│       ├── static
│       │   ├── templates
│       │   └── application.properties
│       └── src/test/java
├── .IRE System Library [JavaSE-11]
├── Maven Dependencies
├── src
│   ├── target
│   ├── HELP.md
│   ├── mvnw
│   ├── mvnw.cmd
│   └── pom.xml

```

```

Main.java  sims/pom.xml  HelloDiamante.java  SimsApplication.java  StudentEntity.java  application.properties
37 public int getId() {
38     return id;
39 }
40
41 public void setId(int id) {
42     this.id = id;
43 }
44
45 public String getFirstname() {
46     return firstname;
47 }
48
49 public void setFirstname(String firstname) {
50     this.firstname = firstname;
51 }
52
53 public String getLastName() {
54     return lastname;
55 }
56
57 public void setLastName(String lastname) {
58     this.lastname = lastname;
59 }
60
61 public String getCourse() {
62     return course;
63 }
64
65 public void setCourse(String course) {
66     this.course = course;
67 }
68
69 public int getYearlevel() {
70     return yearlevel;
71 }
72
73 public void setYearlevel(int yearlevel) {
74     this.yearlevel = yearlevel;
75 }
76
77
78
79
80
81
82
83

```

