

UNIVERSIDAD DE LAS FUERZAS ARMADAS - ESPE

DEPARTAMENTO DE CIENCIAS DE LA COMPUTACIÓN

OBJECT ORIENTED PROGRAMMING

NRC: 9652

WORKSHOP #14 Coding Review

DATE: /06/2023

DUE:

Rubric:

- 1) class modeling 10 pts.
- 2) Running program 10 pts.
- 3) Printing/counting/deleting objects from JSON File 10 pts.
- 4) Saving JSON data 10pts.
- 5) Code Quality 10 pts.
- TOTAL: 50 pts.

Evidence

- 1) class modeling (Class diagram)
- 2) Running program (cmd line executing the program)
- 3) Printing/counting/deleting objects from JSON File (according to the roster number)
- 4) Saving JSON data (screenshot of the json file)
- 5) Code Quality (lines of code with stinky code)

1. BAEZ JARAMILLO GABRIEL ALEJANDRO

23/50

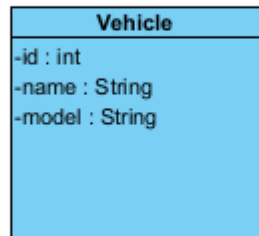
Inspector: Zurita Pablo

Rubric:

- | | | | |
|--|---------|-------|---------------|
| 1) class modeling | 10 pts. | 4/10 | No main Class |
| 2) Running program | 10 pts. | 10/10 | No problems |
| 3) Printing/counting/deleting objects from JSON File | 10 pts. | 0/10 | No have json |
| 4) Saving JSON data | 10pts. | 0/10 | no saved json |
| 5) Code Quality | 10 pts. | 9/10 | In spanish |
| TOTAL: | 50 pts. | | |

Evidence

1) class modeling (Class diagram)

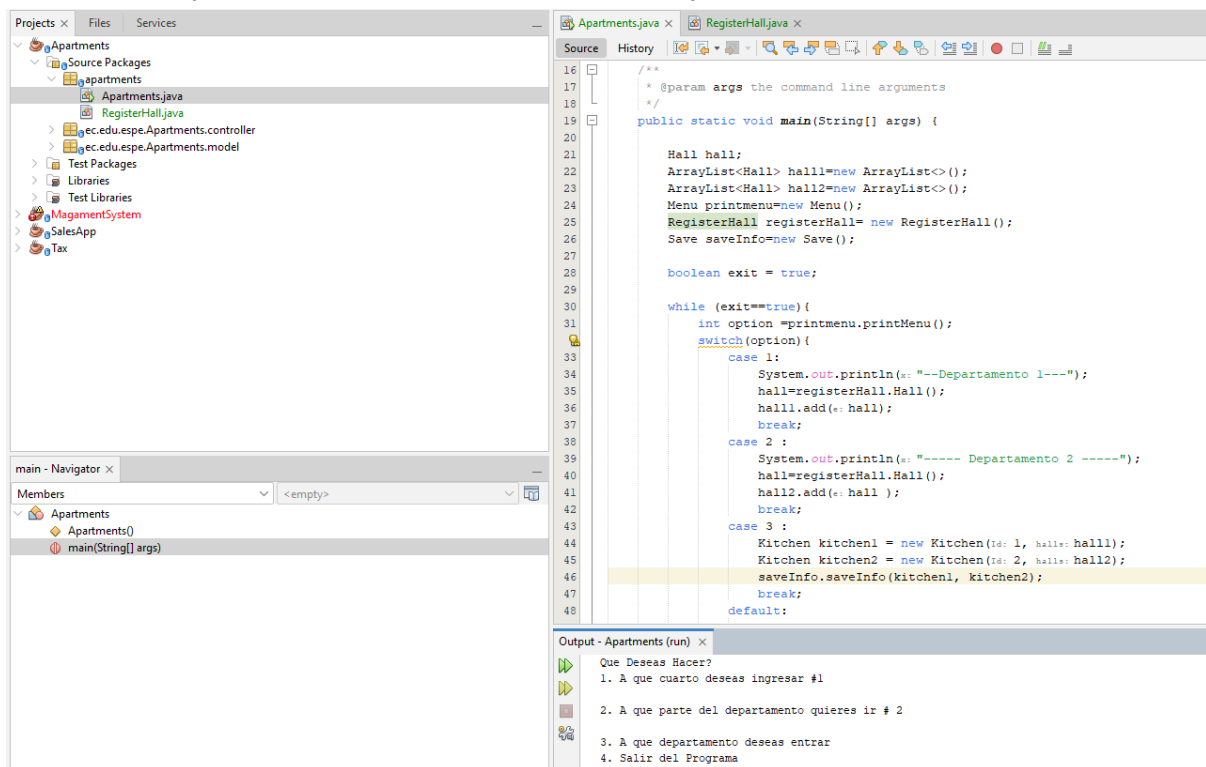


2) Running program (cmd line executing the program)

3) Printing/counting/deleting objects from JSON File (according to the roster number)

4) Saving JSON data (screenshot of the json file)

5) Code Quality (lines of code with stinky code)



2. CALDERÓN CALVA JILMAR JHOEL

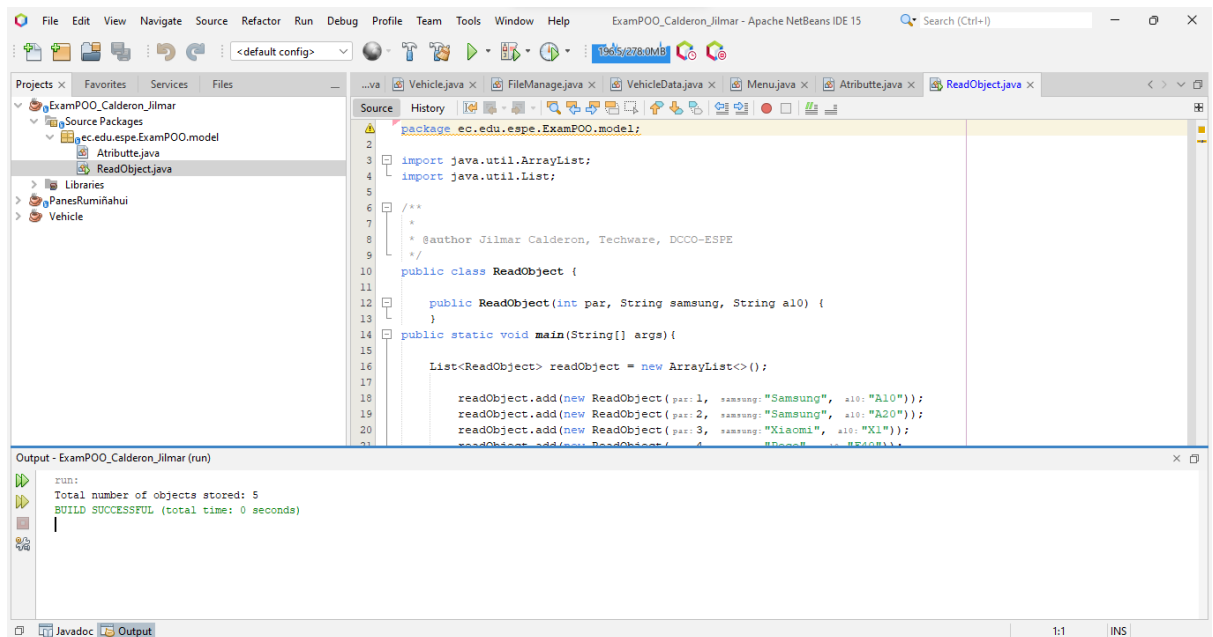
Inspector: Gabriel Báez 23/50

Count The total number of objects stored: Computer

Rubric for the exercise:

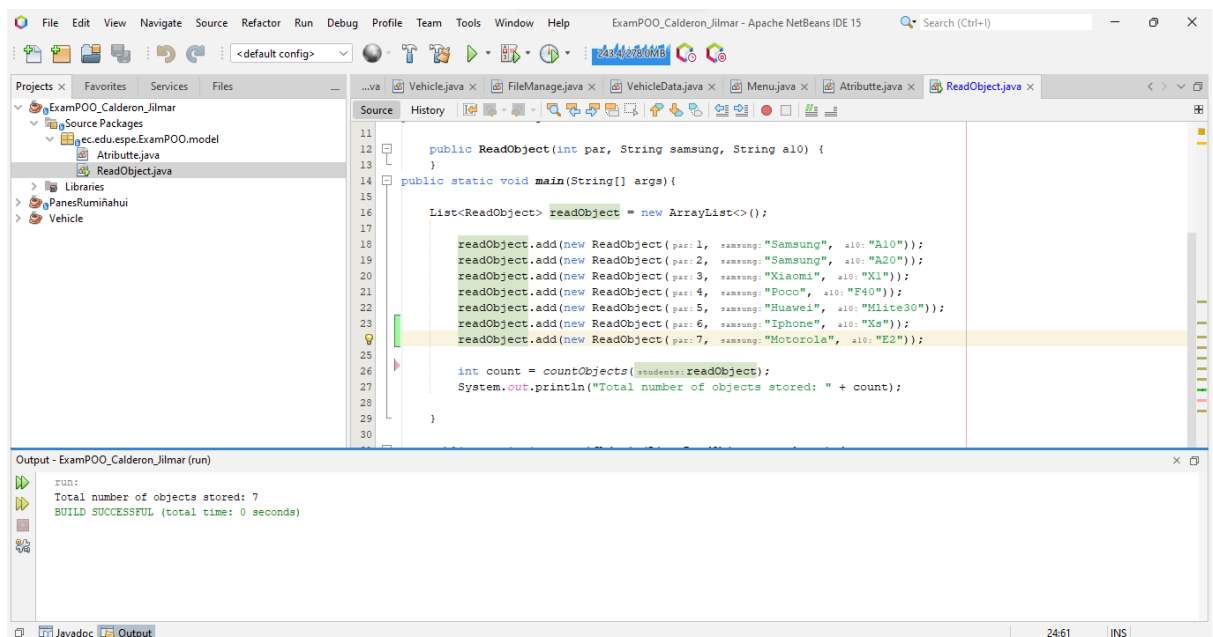
- 1) class modeling
- 2) Running program

0/10 no class diagram
10/10 run without problems



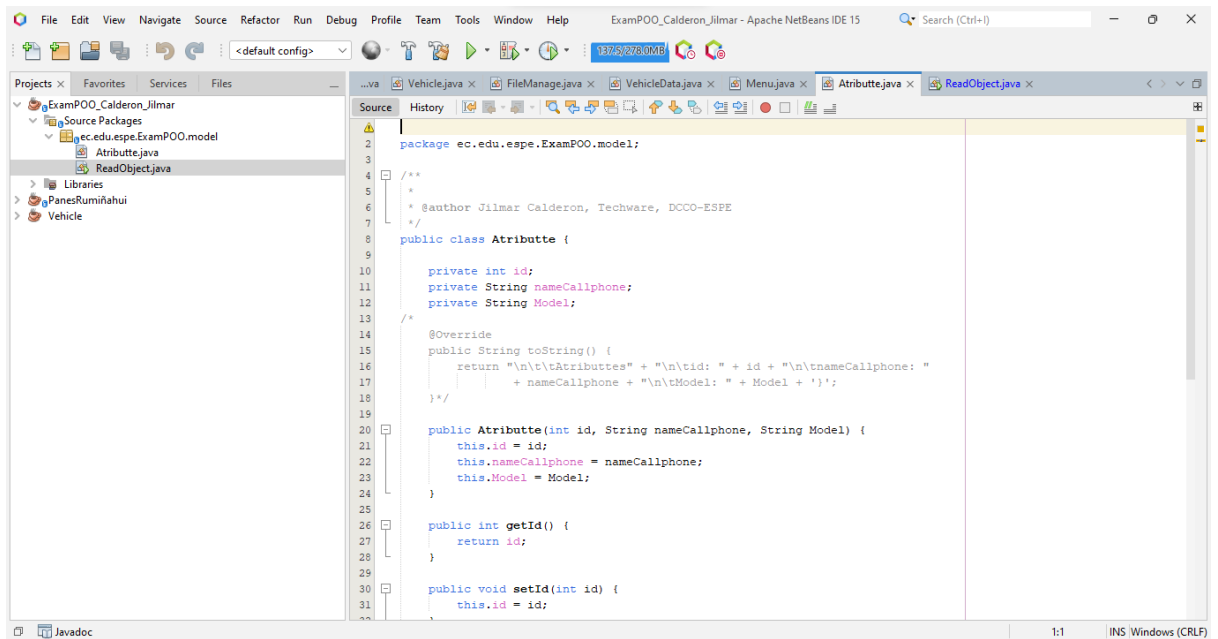
- 3) Printing/counting/deleting objects from JSON File

5/10



- 4) Saving JSON data
- 5) Code Quality

0/10 doesn't have JSON
8/10 has commented code



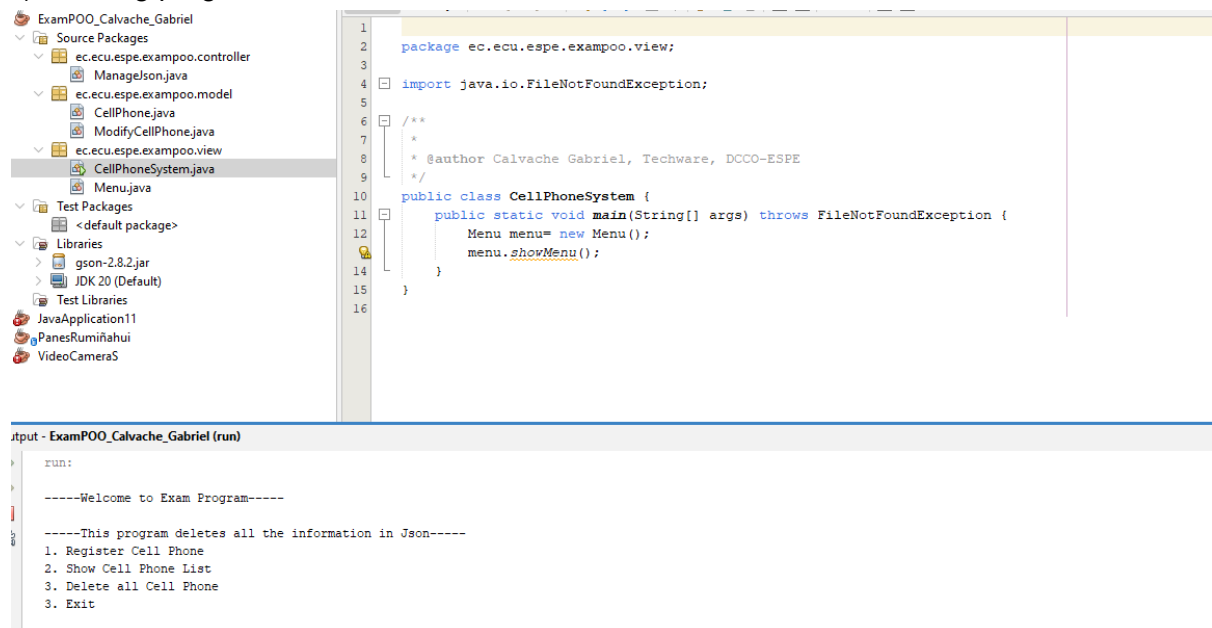
3. CALVACHE BONIFAZ GABRIEL ALEXANDER

Inspector: Calderon Jilmar 40/50

Delete all objects: Cellphone.

Rubric:

- 1) class modeling 0/10
- 2) Running program 10/10.



- 3) Printing/counting/deleting objects from JSON File 10/10

ut - ExamPOO_Calvache_Gabriel (run)

```
Model=papa
Color=blak
Size=10
```

```
CellPhone List
Model=white
Color=white
Size=15
```

```
CellPhone List
Model=pepa
Color=rosa
Size=12
```

-----Welcome to Exam Program-----

-----This program deletes all the information in Json-----

1. Register Cell Phone
2. Show Cell Phone List
3. Delete all Cell Phone
3. Exit

```
        Selected option: 3
All cell phone list delete
```

-----Welcome to Exam Program-----

-----This program deletes all the information in Json-----

1. Register Cell Phone
2. Show Cell Phone List
3. Delete all Cell Phone
3. Exit

```
        Selected option: 2
```

```
Cell Phone List
```

4) Saving JSON data 10/10.

```
1  [{
2      "model": "papa",
3      "color": "blak",
4      "size": "10"
5  },
6  {
7      "model": "white",
8      "color": "white",
9      "size": "15"
10 },
11 {
12     "model": "pepa",
13     "color": "rosa",
14     "size": "12"
15 }
16 ]
```

Validate JSON

Clear

Results

valid json

5) Code Quality 10/10.

```

11  * @author Calvache Gabriel, Techware, DCCO-ESPE
12  */
13  public class ModifyCellPhone {
14
15      public void readCellPhone() throws FileNotFoundException {
16          ManageJson manageJson = new ManageJson();
17          File archivo = new File(pathname: "data\\cellphone.json");
18          ArrayList<CellPhone> listCellPhone = new ArrayList<>();
19          System.out.println(x: "\\t\\t\\t\\tCell Phone List");
20
21          if (archivo.exists() && archivo.length() == 0) {
22              System.out.println(x: "There are no cell phones\\n\\n");
23          } else {
24              listCellPhone = manageJson.readJson();
25              for (CellPhone cellPhone : listCellPhone) {
26                  System.out.println(x: cellPhone.toString());
27              }
28          }
29      }
30
31      public void deleteCellPhone() throws FileNotFoundException {
32          ManageJson manageJson = new ManageJson();
33          File archivo = new File(pathname: "data\\cellphone.json");
34          ArrayList<CellPhone> listCellPhone = new ArrayList<>();
35
36          if (archivo.exists() && archivo.length() == 0) {
37              System.out.println(x: "There are no cell phones \\n\\n");
38          } else {
39              listCellPhone = manageJson.readJson();
40              Scanner readData = new Scanner(source: System.in);
41
42              listCellPhone.removeAll(c: listCellPhone);
43              ManageJson.writteJson(cellPhone: listCellPhone);
44              System.out.println("All cell phone list delete");

```

TOTAL: 40/50.

4. CASIGNIA RUIZ DIEGO ALEJANDRO

inspector: Calvache Gabriel 40/50

Print All objects

Rubric for the exercise:

1) class modeling	0/10
None	
2) Running program	10/ 10

```
Output - exam1 (run)

run:

          --- Forniture ---

Menu:
1. Add new furniture
2. Print All
3. Finish

      Option:
```

3) Printing/counting/deleting objects from JSON File 10/10

Output - Exam1 (run)



run:

--- Forniture ---

Menu:

1. Add new furniture
2. Print All
3. Finish

Option: 2

Forniture list

ID: 1
Price: 123.0
Stock=Yes

ID: 2
Price: 85.0
Stock=No

ID: 3
Price: 67.0
Stock=No

ID: 4
Price: 150.0
Stock=Yes

ID: 5
Price: 124.0
Stock=No

ID: 6
Price: 223.0
Stock=YES

ID: 7
Price: 176.5
Stock=No

ID: 8
Price: 89.0
Stock=Yes

ID: 8
Price: 89.0
Stock=Yes

ID: 9
Price: 356.0
Stock=No

4) Saving JSON data 10/10

```
1  [{
2      "id": 1,
3      "price": 123.0,
4      "stock": "Yes"
5  },
6  {
7      "id": 2,
8      "price": 85.0,
9      "stock": "No"
10 },
11 {
12     "id": 3,
13     "price": 67.0,
14     "stock": "No"
15 },
16 {
17     "id": 4,
18     "price": 150.0,
19     "stock": "Yes"
20 }
21 ]
```

Validate JSON

Clear

Results

valid json

5) Code Quality 10/10

```

package exam1.model;

import exam1.controller.EditFornitureDataFile;
import java.io.File;
import java.io.FileNotFoundException;
import java.util.ArrayList;
import java.util.Scanner;

/**
 *
 * @author Diego Casignia, Techware, DCCO-ESPE
 */
public class EditForniture {

    public void createForniture() throws FileNotFoundException{
        File file = new File( pathname: "data\\forniture.json");
        EditFornitureDataFile editFornitureDataFile = new EditFornitureDataFile();
        ArrayList<Forniture> listForniture = new ArrayList();
        Scanner readData = new Scanner( source: System.in);
        if (file.exists() && file.length() == 0) {
            listForniture = new ArrayList<>();
        } else {
            listForniture = editFornitureDataFile.readFornitureData();
        }
        System.out.print( s: "\nID: ");
        int id = readData.nextInt();
        System.out.print( s: "Price: ");
        float price = readData.nextFloat();
        System.out.print( s: "Stock: ");
        String stock = readData.next();
        Forniture furniture = new Forniture(id, price, stock);
        listForniture.add( e: furniture);
        editFornitureDataFile.writeFornitureData( furniture: listForniture);
    }

    public void readForniture() throws FileNotFoundException{
        File file = new File( pathname: "data\\forniture.json");
        EditFornitureDataFile editFornitureDataFile = new EditFornitureDataFile();
        ArrayList<Forniture> listForniture = new ArrayList();
        if (file.exists() && file.length() == 0) {
            System.out.println( x: "File Null\n\n");
        } else {
            listForniture = editFornitureDataFile.readFornitureData();
            System.out.println( x: "\n\n\tForniture list");
            for (Forniture furniture : listForniture) {
                System.out.println( x: furniture.toString());
            }
        }
    }
}

```

Total:40/50

5. CEDEÑO MONTOYA RONY STIVEN

6. GALARZA VILLALVA CESAR LUIS **TOTAL: 19/50**

Inspector: Casignia Diego

Rubric:

1) class modeling

0/10 pts.

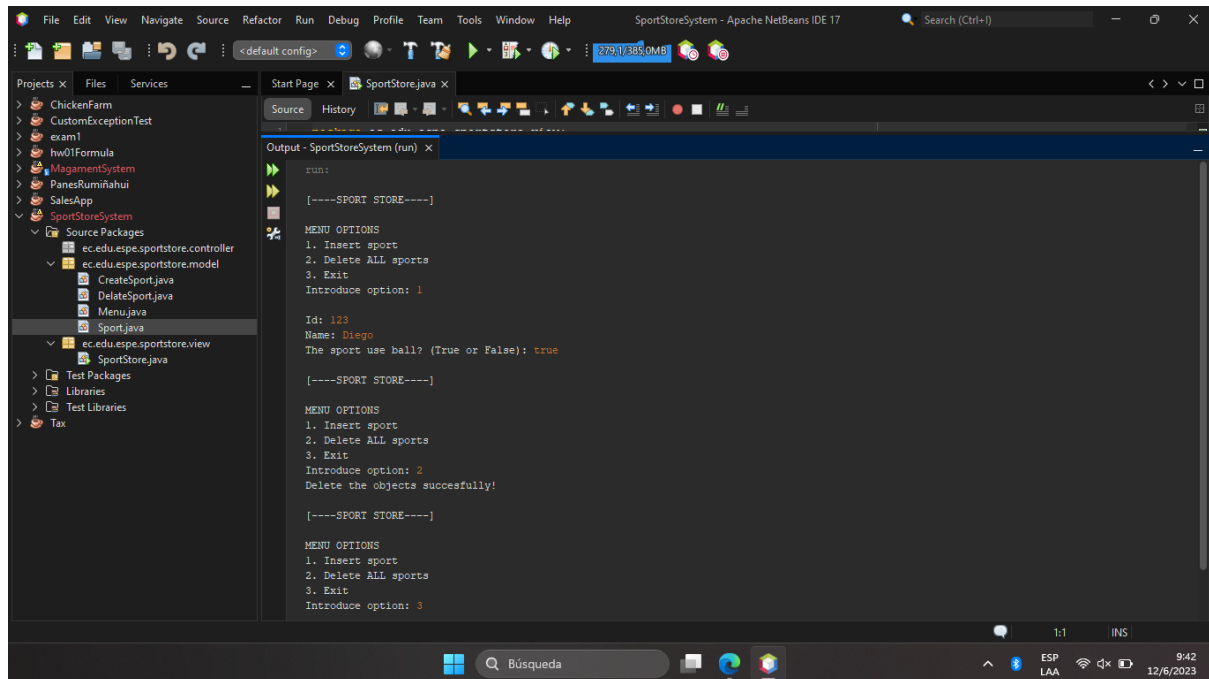
2) Running program

10/10 pts.

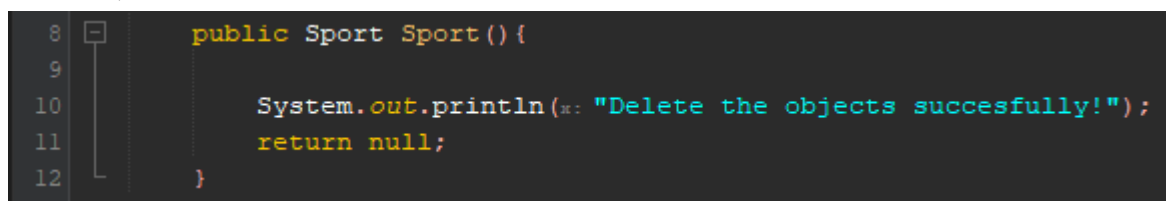
3) Deleting objects from JSON File	0/10 pts.
4) Saving JSON data	0/10pts.
5) Code Quality	9/10 pts.
TOTAL:	19/50 pts.

Evidence:

- 1) class modeling: does not have the diagram class
- 2) Running program:



- 3) Deleting objects from JSON File: does not have the JSON file
- 4) Saving JSON data: does not have the JSON file
- 5) Code Quality: the method starts with a capital letter



7. LUDEÑA QUICHIMBO EDISON WILFRIDO 17/50

Inspector: Galarza César

Topic: Soccer

- 1) Print All objects

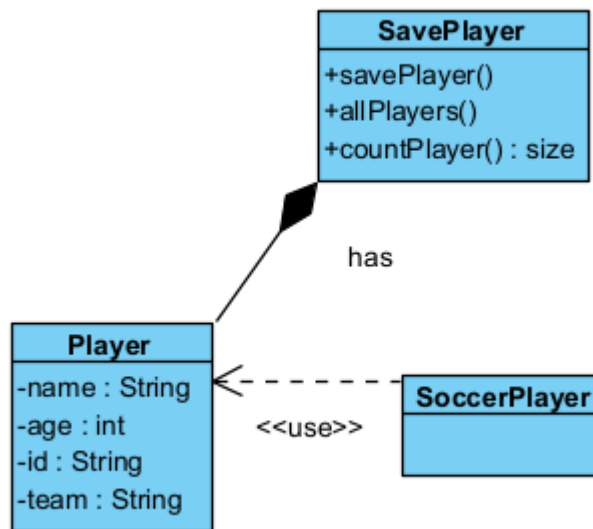
Rubric:

- 1) class modeling 8/10 pts. //-2 pts for each missing method
- 2) Running program 0/10 pts. //Doesn't have main class
- 3) Printing objects from JSON File 0/10 pts. //Doesn't executed = Doesn't create the JSON

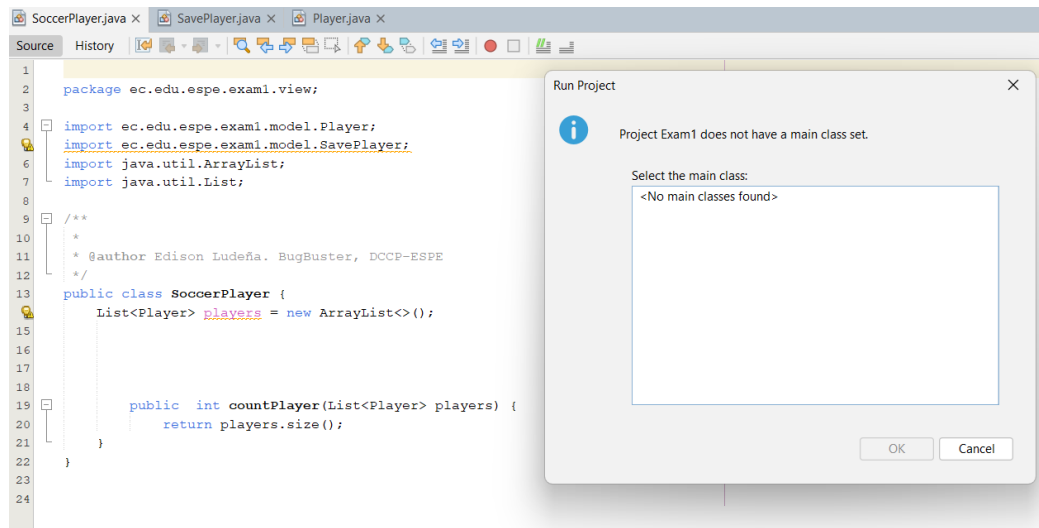
4) Saving JSON data	0/10pts.	//Doesn't executed = Doesn't create the JSON
5) Code Quality	9/10 pts.	//-1 pts unused library/variable
TOTAL:	17/50 pts.	

Evidence

1) class modeling (Class diagram)



2) Running program (cmd line executing the program)



3) Printing/counting/deleting objects from JSON File (according to the roster number)

```

public class SavePlayer {
    public static void savePlayerToJson(List<Player> players, String filename) {
        try (FileWriter writer = new FileWriter(fileName: filename)) {
            Gson gson = new GsonBuilder().setPrettyPrinting().create();
            gson.toJson(src:players, writer);
            System.out.println("The Soccer Players were saved in " + filename);
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}

```

4) Saving JSON data (screenshot of the json file)

```

try (FileWriter writer = new FileWriter(fileName: filename)) {
    Gson gson = new GsonBuilder().setPrettyPrinting().create();
    gson.toJson(src:players, writer);
    System.out.println("The Soccer Players were saved in " + filename);
}

```

5) Code Quality (lines of code with stinky code)

```

1 |
2 package ec.edu.espe.examl.view;
3
4 import ec.edu.espe.examl.model.Player;
5 import ec.edu.espe.examl.model.SavePlayer;
6 import java.util.ArrayList;
7 import java.util.List;
8
9 /**
10 *
11 * @author Edison Ludeña. BugBuster, DCCP-ESPE
12 */
13 public class SoccerPlayer {
14     List<Player> players = new ArrayList<>();
15 }

```

8. MIRANDA CREAMER ALISON SOLANGE

Inspector: Ludeña Edison /50

2)Object size

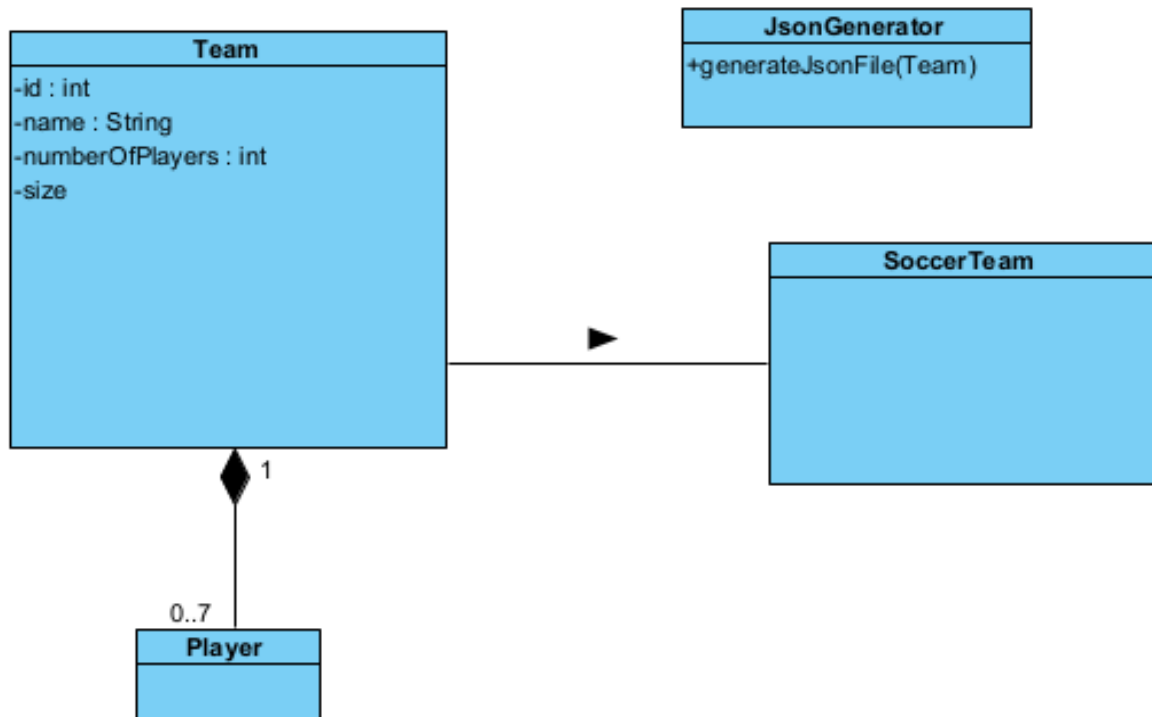
Rubric:

- 1) class modeling 6/10 pts. //wrong relations, and no methods
 - 2) Running program 0/10 pts. //Doesn't run the program
 - 3) Printing/counting/deleting objects fromJSON File 0/10 pts. //Doesn't have counting
 - 4) Saving JSON data 0/10pts. //Doesn't create the Json
 - 5) Code Quality 8/10 pts . //Commented code, trash code(class player)
- TOTAL: 14/50 pts.

Evidence

1) class modeling

(Class diagram)



2) Running program

(cmd line executing the program)

The screenshot shows the Apache NetBeans IDE interface. The **Projects** pane on the left displays the project structure for **E1P_SoccerTeam**, including source packages and test packages. The **Source** pane on the right shows the **SoccerTeam.java** file with the following code:

```

1 package ec.edu.espe.soccerteam.view;
2
3 import ec.edu.espe.soccerteam.model.Team;
4 import java.util.ArrayList;
5
6 /**
7  *
8  * @author Alison Miranda, Bug Busters, DCCO-ESPE
9  */
10 public class SoccerTeam {
11     public static void main(String[] args) {
12         Team team [];
13         ArrayList<Team> team = new ArrayList<>();
14
15         System.out.println("team size --> " + team.size());
16         team = new Team(team);
17         team.add(team);
18     }
19 }
20

```

The **Output** pane at the bottom shows the following error message:

```

run:
Exception in thread "main" java.lang.RuntimeException: Uncompilable code - variable team is already defined in method main(java.lang.String[])
at ec.edu.espe.soccerteam.view.SoccerTeam.main(SoccerTeam.java:1)
C:\Users\Lab-DCCO\AppData\Local\NetBeans\Cache\15\executor-snippets\run.xml:111: The following error occurred while executing this line:
C:\Users\Lab-DCCO\AppData\Local\NetBeans\Cache\15\executor-snippets\run.xml:68: Java returned: 1
BUILD FAILED (total time: 2 seconds)
  
```

3) Printing/counting/deleting objects from JSON File(according to the roster number)

```

public class SoccerTeam {
    public static void main(String[] args) {
        Team team [];
        ArrayList<Team> team = new ArrayList<>();

        System.out.println("team size --> " + team.size());
        team = new Team(team);
        team.add(team);
    }
}

```

- 4) Saving JSON data (screenshot of the json file)
 5) Code Quality (lines of code with stinky code)

```

public Team(ArrayList<Team> team) {
    throw new UnsupportedOperationException( message: "Not supported yet."); // Generated from nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java
}

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package ec.edu.espe.soccerteam.model;

/**
 *
 * @author Alison Miranda, Bug Busters, DCCO-ESPE
 */
public class Player {
}

```

9. MORENO NAVARRETE PAUL SEBASTIAN

26 /50

Inspector: Miranda Alison

3) Delete all objects

1) Class modeling 0/10 (Wrong diagram)

Nombre	Última modificación	Tamaño del archivo
ScreenShotOfExercise	-	133 KB
UMLExamP27	-	1 MB
University	-	558 KB
UseClassOfExercise	-	1 MB

2) Running program 10/10 (Runs)


```

Source History
1
2 package ec.edu.espe.ferrinventory.view;
3
4 import ec.edu.espe.ferrinventory.controller.Menu;
5 import ec.edu.espe.ferrinventory.model.ListOfUniversity;
6
7
8
9 /**
10  *
11  * @author Moreno Paul, The encoders; DCOO-ESPE
12  */
13
14 public class University {
15     public static void main(String[] args) {
16         Menu printMenu = new Menu();
17         boolean exit = true;
18         while (exit == true) {
19             int option = printMenu.printMenu();
20             switch (option) {
21                 case 1:
22                     ListOfUniversity.ShowMenu();
23                     break;
24                 case 2:
25                     exit = false;
26                     break;
27                 default:
28                     System.out.println("Opcion invalida ");
29                     break;
30             }
31         }
32     }
33 }

```

Output - University (run) x

```

4. Borrar la informacion guardada
3. Salir
2
COMING SOON!!
Opcion invalida
Informacion Universitaria
Que desea hacer:
1. Acceder al programa
2. Salir del programa
|

```

3) Printing/counting/deleting objects from JSON File 0/10
(Doesn't delete)

```

Source History
9
10 {
11     "name": "fffff",
12     "ubicacion": "ffffff",
13     "numeroOfExtencion": 2222222
14 },
15 {
16     "name": "tttttt",
17     "ubicacion": "tttttttttt",
18     "numeroOfExtencion": 3333
19 },
20 {
21     "name": "uuuuuuu",
22     "ubicacion": "uuuuuuuuu",
23     "numeroOfExtencion": 444444
24 },
25 {
26     "name": "oooooooo",
27     "ubicacion": "oooooooo",
28     "numeroOfExtencion": 555555
29 }
30 }

```

Output x

```

University (run) x University (run) #2 x University (run) #3 x U
"numeroOfExtencion": 555555
}
}
}
<----Informacion Universitaria---->
Que desea hacer ?
1. Ingresar informacion de universidad
2. Borrar la informacion guardada
3. Salir
2
COMING SOON!!
Opcion invalida
Informacion Universitaria
Que desea hacer:
1. Acceder al programa
2. Salir del programa

```

4) Saving JSON data 10/10 (Valid Json)

```

6     "numeroOfExtencion": 11111
7 },
8 {
9     "name": "fffff",
10    "ubicacion": "ffffff",
11    "numeroOfExtencion": 2222222
12 },
13 {
14     "name": "tttttt",
15     "ubicacion": "tttttttttt",
16     "numeroOfExtencion": 3333
17 },
18 {
19     "name": "uuuuuuu",
20     "ubicacion": "uuuuuuuuu",
21     "numeroOfExtencion": 444444
22 },
23 {
24     "name": "oooooooo",
25     "ubicacion": "oooooooo",
26     "numeroOfExtencion": 555555
27 }
28 }
29 }

```

Validate JSON Clear Support JSONS for \$2/Month

Results

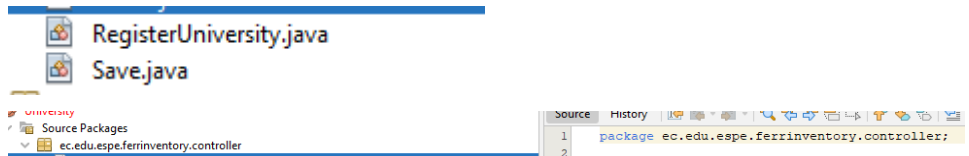
valid JSON

5) Code Quality 6/10 (Menu in spanish, Class name "Save" is a verb, Class name "RegisterUniversity" is a verb, Packages named wrong)

```

public int printProductMenu(){
    Scanner readOption = new Scanner(System.in);
    System.out.println(" <---Informacion Universitaria--->");
    System.out.println("Que deseas hacer ?");
    System.out.println("1. Ingresar informacion de universidad\n");
    System.out.println("2. Borrar la informacion guardada\n");
    System.out.println("3. Salir\n");
}

```



10.PASQUEL RUIZ JUAN DAVID

10 /50

Inspector: Moreno Paul

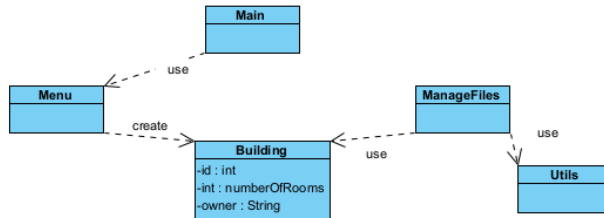
1)Print all objects

Rubric:

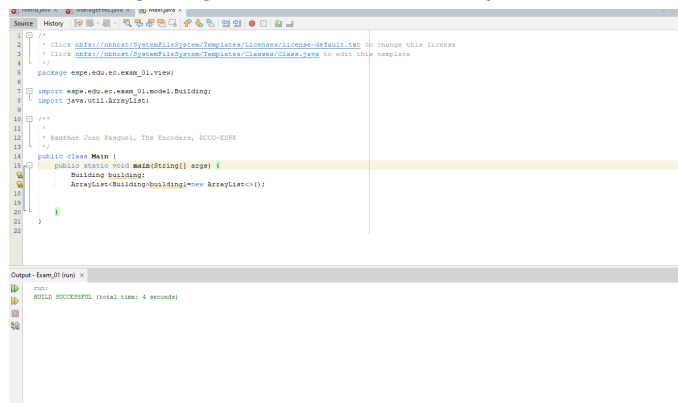
- 1) class modeling 6/10
- 2) Running program 0/10
- 3) Printing/counting/deleting objects from JSON File 0/10
- 4) Saving JSON data 0 /10
- 5) Code Quality 4/10

Evidence

1) class modeling (wrong label, no operations, wrong attribute syntax)



2) Running program (no print) yase :c



- 3) Printing/counting/deleting objects from JSON File (nothing)
- 4) Saving JSON data (nothing)
- 5) Code Quality (name of class in plural, no use code, no use object, no use variable, error use try/catch)

```

18  L  */
19      public class ManageFiles {
20      public static void createJsonFile(Scanner scan, ArrayList<Building> building) throws nameException, localNameException, idException {
21          String fileName;
22          int enter = 0;
23          System.out.println("Ingress the name of the file you want to create: ");
24          fileName = scan.next();
25          do {
26              enterStore(scan, building);
27              enterStoreTwo(scan, building);
28              enterStoreThree(scan, building);
29              saveJsonFile(building, fileName);
30          } while (enter == 1);
31      }
32
33      public static void enterBuilding (Scanner scan, ArrayList<Store> store) throws nameException {
34          Store storeInfo = new Store();
35          enterStoreData(scan, store);
36          if ("aaaaaaa".equals(storeInfo.getName())) {
37              throw new nameException("That name doesn't exists");
38          }
39      }
40
41      public static void enterStoreTwo(Scanner scan, ArrayList<Store> store) throws localNameException {
42          Store storeInfo = new Store();
43          enterStoreDataTwo(scan, store);
44          if ("aaaaaaa".equals(storeInfo.getLocalName())) {
45              throw new localNameException("That local name doesn't exists");
46          }
47      }
48
49      public static void enterStoreThree(Scanner scan, ArrayList<Store> store) throws idException {
50          Store storeInfo = new Store();
51          enterStoreDataThree(scan, store);
52          if (storeInfo.getId() != 10) {
53              throw new idException("That id is incorrect because don't have 10 digits");
54          }
55      }
56
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65
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2610
2611

```

TOTAL: 7 pts.

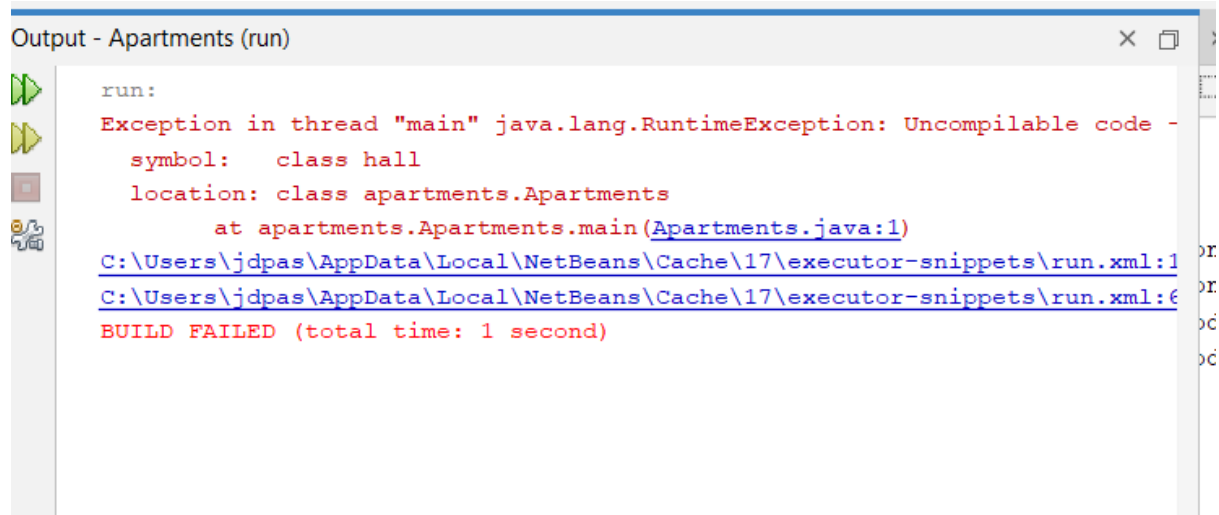
Evidence

1) class modeling

(No Class Diagram)

2) Running program

(No running program)



```
run:
Exception in thread "main" java.lang.RuntimeException: Uncompilable code -
    symbol:   class hall
    location: class apartments.Apartments
        at apartments.Apartments.main(Apartments.java:1)
C:\Users\jdpas\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:1
C:\Users\jdpas\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:6
BUILD FAILED (total time: 1 second)
```

3) Printing/counting/deleting objects from JSON File

(There's no json)

4) Saving JSON data

(There's no json)

5) Code Quality

-Save isn't a noun

```
... */
public class Save {

}
```

-The menu is in spanish

```

- */
public class Menu {
    int option;
]    public int printMenu() {
        Scanner readOption = new Scanner(source: System.in);
        System.out.println(x: "<----Apartments---->\n");
        System.out.println(x: "Que Deseas Hacer?");
        System.out.println(x: "1. A que cuarto deseas ingresar #1\n");
        System.out.println(x: "2. A que parte del departamento quieres ir # 2\n");
        System.out.println(x: "3. A que departamento deseas entrar");
        System.out.println(x: "4. Salir del Programa\n");
        option = readOption.nextInt();
        return option;
    }
}

```

-The attribute category doesn't have lower camel-case

```

private String name;
private String Category;
private int stock;

```

RUEDA VILATUÑA JUAN SEBASTIAN

Inspector: Ramos Javier /50

2)Object size

Rubric:

- 1) class modeling 0/10 pts.
- 2) Running program 0/10 pts.
- 3) Printing/counting/deleting objects from JSON File 0/10 pts.
- (There's no json)
- 4) Saving JSON data 0 pts.
- (There's no json)
- 5) Code Quality 8 pts.
- TOTAL: 8/50 pts.

Evidence

- 1) class modeling
(No Class diagram)
- 2) Running program (cmd line executing the program)
- No running program

The screenshot shows an IDE window with a Java source file. The code defines a package, imports GSON and File classes, and a class 'Eliminate' with a method 'sasveInfo'. The method contains a GSON instance and a call to 'toJson'. Below the code, the 'Output' window shows a runtime error: 'java.nio.file.InvalidPathException: Illegal char <?> at index 76: C:\Users\JAVIER\OneDrive\Desl...'. The error message is partially obscured but indicates a file path issue.

```

1 package ec.edu.espe.examl.controller;
2
3 import com.google.gson.Gson;
4 import com.google.gson.GsonBuilder;
5 import ec.edu.espe.examl.model.Topic;
6 import java.io.File;
7
8 import java.io.IOException;
9 import java.io.PrintWriter;
10
11
12
13 /**
14  *
15  * @author juan rueda, The encoders; DCCO-ESPE
16  */
17
18 public class Eliminate {
19     public void sasveInfo(Topic topic1) {
20         Gson gson=new GsonBuilder().setPrettyPrinting().create();
21         String gsonTopic1 = gson.toJson(topic1);
22     }
23 }

```

Output - Exam1Exercise (run) X

```

run:
Error occurred during initialization of boot layer
java.nio.file.InvalidPathException: Illegal char <?> at index 76: C:\Users\JAVIER\OneDrive\Desl
C:\Users\JAVIER\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:111: The following e
C:\Users\JAVIER\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:68: Java returned: 1
BUILD FAILED (total time: 3 seconds)

```

3) Printing/counting/deleting objects from JSON File (according to the roster number)
(There's no json)

4) Saving JSON data (screenshot of the json file)
(There's no json)

5) Code Quality (lines of code with stinky code)

- The sasveInfo isn't not
- `public void sasveInfo(Topic topic1) {`
- Must be a noun not a verb
- `public class EliminateTopics {`
- `ArrayList <topic> topics = new ArrayList<>;`

12. SANMARTIN GALAN JOSE MIGUEL

Inspector: Rueda Juan /50

Print object:Shoe

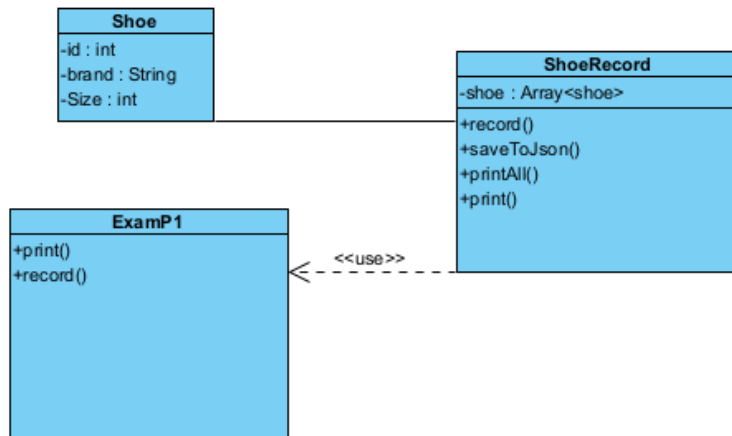
Rubric:

- 1) class modeling 8/10 pts.
- 2) Running program 10/10 pts.
- 3) Printing/counting/deleting objects from JSON File 10/10 pts.
- 4) Saving JSON data 10/10pts.
- 5) Code Quality 9/10 pts. Menu in Spanish

TOTAL: 47/50 pts.

Evidence

1) class modeling (Class diagram)



2) Running program (cmd line executing the program)

```
-----Shoes Controller-----

1. Add a Shoe

2. Print List

3. Exit

Choose an Option:
1
Write a ID:
2
Write a Brand:
puma
Write a Size:
10
Students saved to shoes.json
-----Shoes Controller-----
```

3) Printing/counting/deleting objects from JSON File (according to the roster number)

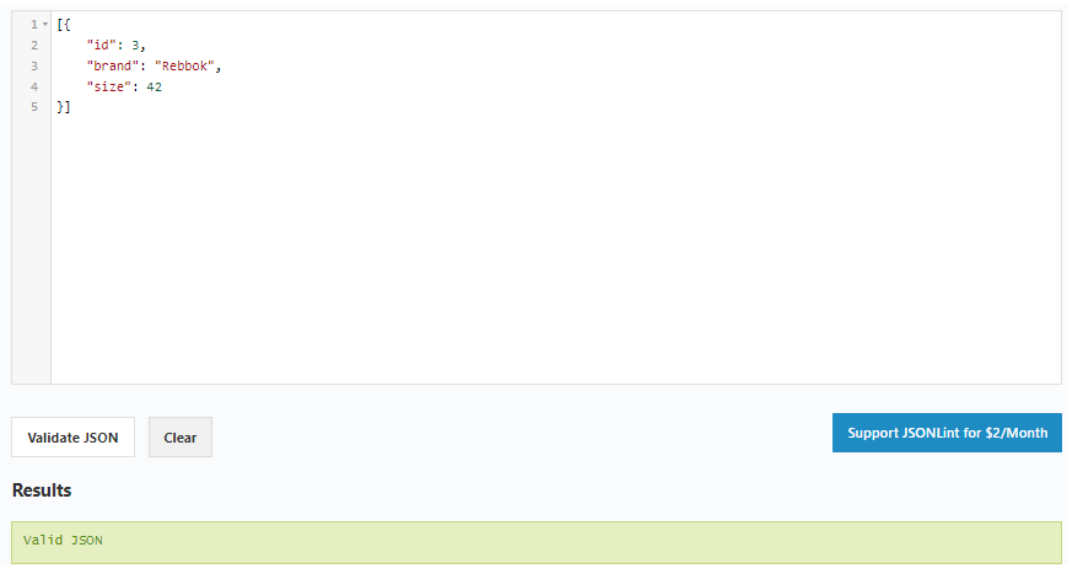
```
[
  {
    "id": 1,
    "brand": "Nike",
    "size": 10
  },
  {
    "id": 6,
    "brand": "Puma",
    "size": 12
  },
  {
    "id": 5,
    "brand": "Adidas",
    "size": 8
  },
  {
    "id": 2,
    "brand": "Mike",
    "size": 9
  },
  {
    "id": 3,
    "brand": "Adidas",
    "size": 11
  }
]
```

```
2. Print List

3. Exit

Choose an Option:
2
ID: 1
Brand: Nike
Size: 10
-----
ID: 6
Brand: Puma
Size: 12
-----
ID: 5
Brand: Adidas
Size: 8
-----
ID: 2
Brand: Mike
Size: 9
-----
ID: 3
Brand: Adidas
Size: 11
-----
-----Shoes Controller-----
```

4) Saving JSON data (screenshot of the json file)



5) Code Quality (lines of code with stinky code)

```
41 |         break;
42 |     default:
43 |         System.out.println("Opción inválida. Intente nuevamente.");
44 |         break;
45 |     }
```

13. SIMBAÑA RIVADENEIRA MICHAEL STEVEN

Inspector: Sanmartin Jose /50

Bank - Count

Rubric:

- 1) class modeling 0/10 pts. No Class Diagram
- 2) Running program 10/10 pts.
- 3) Printing/counting/deleting objects from JSON File 0/10 pts. Option do not run
- 4) Saving JSON data 5/10pts. Create Json but not save information
- 5) Code Quality 9/10 pts. Menu in Spanish
- TOTAL:24/ 50 pts.

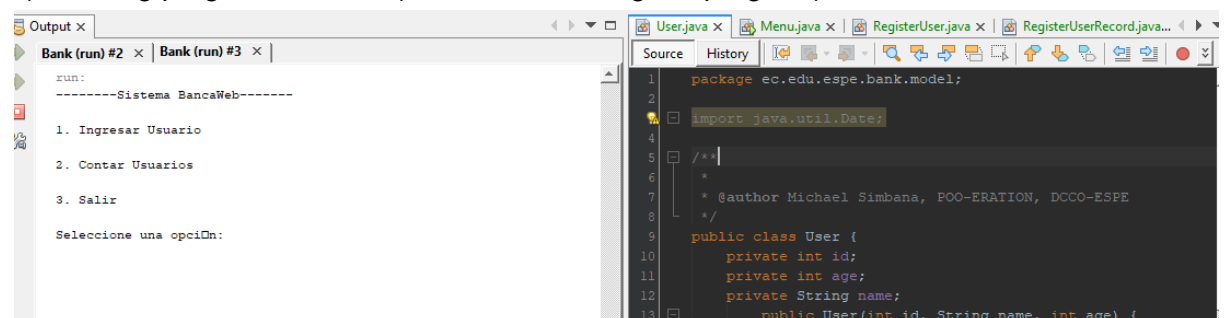
Evidence

1) class modeling

(No Class diagram)

2) Running program

(cmd line executing the program)



3) Printing/counting/deleting objects from JSON File (according to the roster number)

```
3. Salir

Seleccione una opciOn: 1
-----Registrar Usuarios-----

Ingrese los datos

Id: 01
Name: Jose
Age: 24
-----Sistema BancaWeb-----

1. Ingresar Usuario
2. Contar Usuarios
3. Salir

Seleccione una opciOn: 1
-----Registrar Usuarios-----

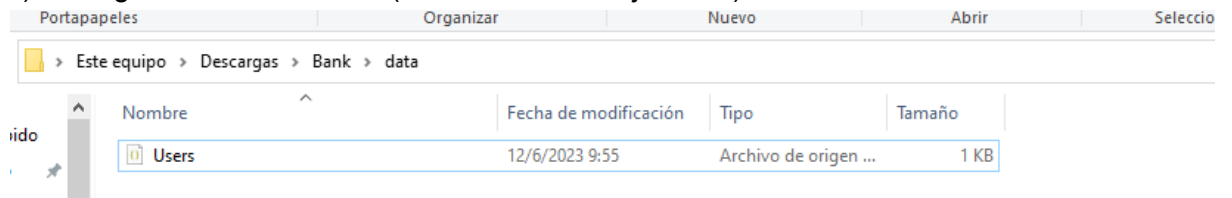
Ingrese los datos

Id: 02
Name: Michelle
Age: 21
-----Sistema BancaWeb-----

1. Ingresar Usuario
2. Contar Usuarios
3. Salir

Seleccione una opciOn: 2
BUILD SUCCESSFUL (total time: 1 minute 6 seconds)
|
```

4) Saving JSON data (screenshot of the json file)



```
run:
-----Sistema BancaWeb-----

1. Ingresar Usuario

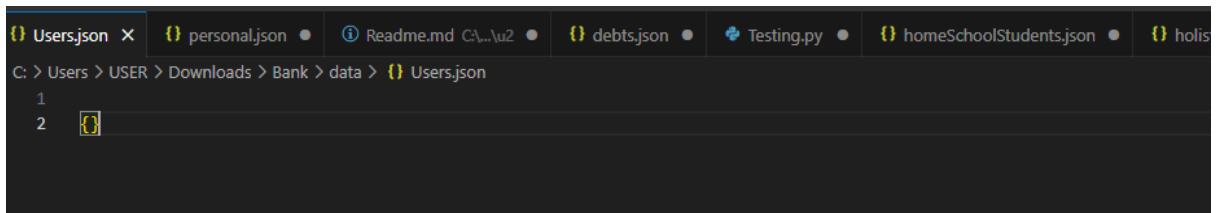
2. Contar Usuarios

3. Salir

Seleccione una opción: 1
-----Registrar Usuarios-----

Ingrese los datos

Id: 01
Name: Jose
Age: 24
-----Sistema BancaWeb-----
```



The screenshot shows a VS Code editor interface. The file explorer on the left shows a directory structure: C:\Users\USER\Downloads\Bank\data\Users.json. The code editor shows a file named 'Users.json' with the following content:

```
1
2
```

5) Code Quality (lines of code with stinky code)

```
System.out.println(x: "-----Sistema BancaWeb-----\n");
System.out.println(x: "1. Ingresar Usuario\n");
System.out.println(x: "2. Contar Usuarios\n");
System.out.println(x: "3. Salir\n");
System.out.print(x: "Seleccione una opción: ");
option = optionIn.nextInt();

switch (option) {
    case 1:
        addUser();
        break;
    case 2:
        break;
    case 4:
        System.out.println(x: "Saliendo del programa...");
        option = 3;
        break;
    default:
        System.out.println(x: "Opción inválida. Intente nuevamente.");
        break;
}
```

14. TIPAN MOREIRA OSWALDO JACINTO

Inspector: Michael Simbaña /50

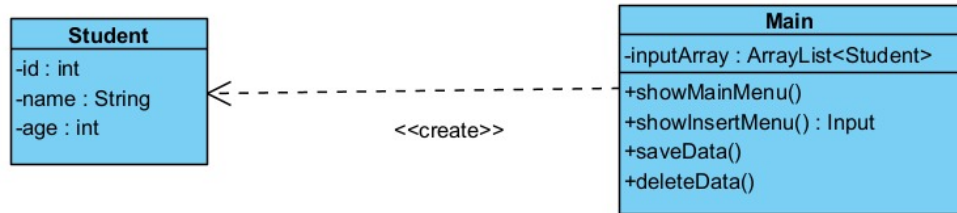
Delete all objects: Students

Rubric:

- 1) class modeling 8/10 pts. (Methods in the wrong class/inaccurate dependency)
 - 2) Running program 10/10 pts.
 - 3) Printing/counting/deleting objects from JSON File 10/10 pts.
 - 4) Saving JSON data 10/10pts.
 - 5) Code Quality 9/10 pts.
- TOTAL: 47/ 50 pts.

Evidence

- 1) class modeling (Class diagram)

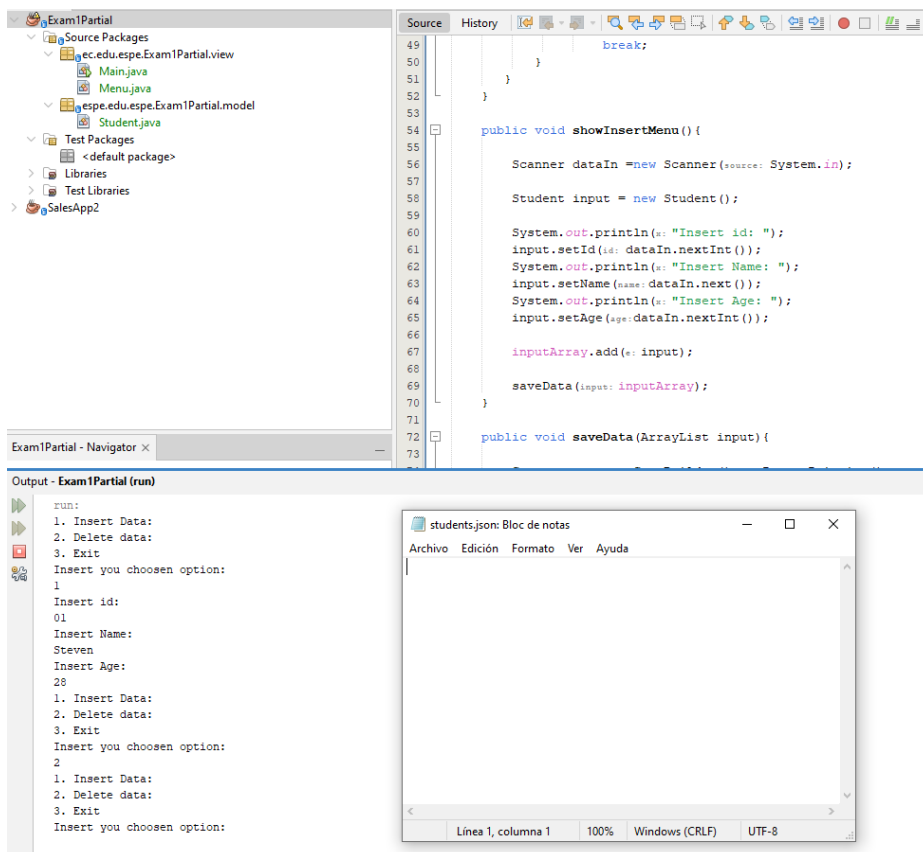
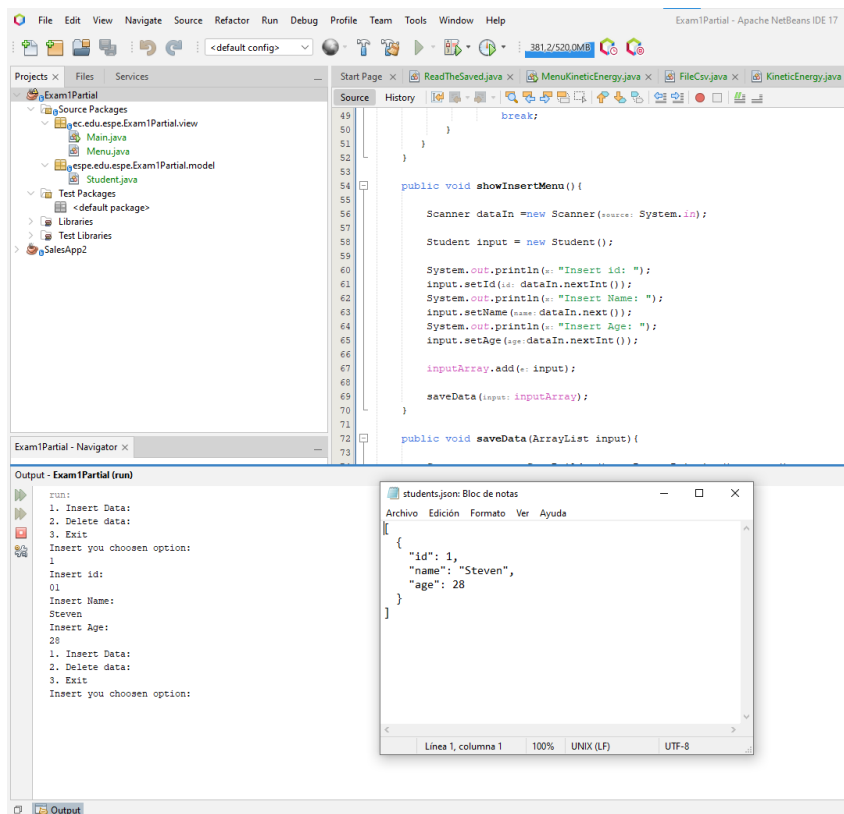


- 2) Running program (cmd line executing the program)

```

1  File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
2  Exam1Partial - Apache NetBeans IDE 17
3  Search (Ctrl-F)
4  Start Page x ReadTheSaved.java x MenuKineticEnergy.java x FileCui.java x KineticEnergy.java x Main.java x Menu.java x
5  Projects x Files Services
6  Exam1Partial
7  Source Packages
8  ec.edu.espe.Exam1Partial.view
9  Main.java
10 Menu.java
11 ec.edu.espe.Exam1Partial.model
12 Student.java
13 Test Packages
14 <default package>
15 Libraries
16 Test Libraries
17 SalesApp2
18 Exam1Partial - Navigator x
19 Output - Exam1Partial (run)
20 run:
21 1. Insert Data:
22 2. Delete data:
23 3. Exit
24 Insert you choosen option:
25 1
26 Insert id:
27 2
28 Insert Name:
29 Steven
30 Insert Age:
31 24
32 1. Insert Data:
33 2. Delete data:
34 3. Exit
35 Insert you choosen option:
36 2
37 1. Insert Data:
38 2. Delete data:
39 3. Exit
40 Insert you choosen option:
  
```

- 3) Printing/counting/deleting objects from JSON File (according to the roster number)



4) Saving JSON data

(screenshot of the json file)

```
1 [{
2   "id": 1,
3   "name": "Michael",
4   "age": 25
5 }]
```

Validate JSON Clear Support JSONLint for \$2/Month

Results

valid JSON

5) Code Quality 9/10(bad name of attribute)

```
try(FileWriter writer2 = new FileWriter(fileName: "data\\students.json", append: false)) {
    writer2.write(str: dataSaver);
} catch (IOException e) {
    System.out.println("Error generating JSON file: " + e.getMessage());
}

try(FileWriter writer = new FileWriter(fileName: "data\\students.json", append: false)) {
    writer.write(str: "");
}
```

15. ZURITA ROSERO PABLO ESTEBAN

Inspector: Oswaldo Tipán 19/50

Print objects: Professor

Rubric for the exercise:

1) class modeling 4/10 pts. (Menu class missing)

Professor
-id : int
-name : String
-email : String
-phoneNumber : int
+printAll()

2) Running program

10/10 pts. (It actually runs with no problems)

Output - Exam1Exercise (run) x

run:

-----Menu-----

1. Show all data ingressed

2. Exit

Enter any opcion:

1

-----Menu-----

1. Show all data ingressed

2. Exit

Enter any opcion:

2

Exit program...

-----Menu-----

1. Show all data ingressed

2. Exit

Enter any opcion:

1

-----Menu-----

1. Show all data ingressed

2. Exit

Enter any opcion:

.

3) Printing/counting/deleting objects from JSON File

0/10 pts. (The program doesn't ask for data, the program doesn't print)

<input type="checkbox"/> Name	Date modified	Type	Siz
<input type="checkbox"/> build	6/8/2023 10:32 AM	File folder	
<input type="checkbox"/> nbproject	6/8/2023 10:06 AM	File folder	
<input type="checkbox"/> src	6/8/2023 10:06 AM	File folder	
<input type="checkbox"/> test	6/8/2023 10:08 AM	File folder	
<input type="checkbox"/> build	6/8/2023 10:06 AM	XML Document	
<input type="checkbox"/> manifest.mf	6/8/2023 10:06 AM	MF File	

```

run:
-----Menu-----
1. Show all data ingressed
2. Exit
Enter any opcion:
1

-----Menu-----
1. Show all data ingressed
2. Exit
Enter any opcion:
2
Exit program...

-----Menu-----
1. Show all data ingressed
2. Exit
Enter any opcion:
1

```

4) Saving JSON data 0/10pts. (Data file missing, No Json saved)

<input type="checkbox"/>	build	6/8/2023 10:32 AM	File folder
<input type="checkbox"/>	nbproject	6/8/2023 10:06 AM	File folder
<input type="checkbox"/>	src	6/8/2023 10:06 AM	File folder
<input type="checkbox"/>	test	6/8/2023 10:08 AM	File folder
<input type="checkbox"/>	build	6/8/2023 10:06 AM	XML Document
<input type="checkbox"/>	manifest.mf	6/8/2023 10:06 AM	MF File

```

-----Menu-----
1. Show all data ingressed
2. Exit
Enter any opcion:
1

-----Menu-----
1. Show all data ingressed
2. Exit
Enter any opcion:
|

```

5) Code Quality 5/10 pts.

- Junk Code

```
System.out.println(x: "Hola");
```

- Method name in plural

```
private static void showAttributes() {
```

- Menu output in Spanish

```
if (dataOfProfessors.isEmpty()) {  
    System.out.println(x: "No hay datos registrados");  
} else {  
    System.out.println(x: "Datos Ingresados:");  
}
```

- Mixing Spanish and English

```
int opcionOfMenu;
```

- Unused and empty method

```
private static void showData() {  
  
}
```

Total: 19/50