

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:

1. PASQUEL RUIZ JUAN DAVID

10 /50

Inspector: Moreno Paul

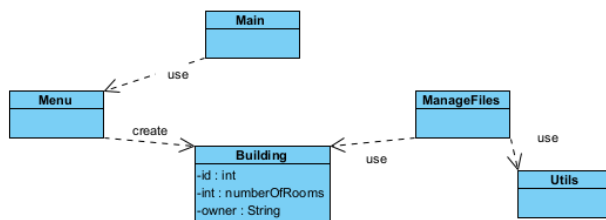
1) Print all objects

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

```

1  package espe.edu.ec.exam_01.view;
2
3  import espe.edu.ec.exam_01.model.Building;
4  import java.util.ArrayList;
5
6  /**
7   *
8   * Author: Juan Parquet, The Snooders, 0000-0000
9   */
10
11 public class Main {
12     public static void main(String[] args) {
13         Building building;
14         ArrayList<Building> buildings = new ArrayList<>();
15     }
16 }

```

Output - Exam_01_View.java

BUILD SUCCESSFUL (total time: 4 seconds)

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  public class ManageFiles {
19      public static void createJsonFile(Scanner scan, ArrayList<Building> building) throws nameException, localNameException, idException {
20          String fileName;
21          int enter = 0;
22          System.out.println("Ingress the name of the file you want to create: ");
23          fileName = scan.next();
24          do {
25              enterStore(scan, building);
26              enterStoreTwo(scan, building);
27              enterStoreThree(scan, building);
28              saveJsonFile(building, fileName);
29          } while (enter == 1);
30      }
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
57  public int printMenu() {
58      Scanner readOption = new Scanner(System.in);
59      System.out.println("<---WELCOME TO PRINT BUILDINGS XD--->");
60      System.out.println("What do you want to do ?");
61      System.out.println("1. File Creation \n");
62      System.out.println("2. Add Buildings\n");
63      System.out.println("3. Print Buildings\n");
64      System.out.println("4. Exit\n");
65      option = readOption.nextInt();
66      return option;
67  }
68  try {
69      System.out.println("Digit an option: ");
70      option = scan.nextInt();
71  }
72
73  public class Main {
74      public static void main(String[] args) {
75          Building building;
76          ArrayList<Building> building1 = new ArrayList<>();
77      }
78  }

```