

## WS25 - EXAM 2 UML Exercise REVIEW

20 GUAMAN VEJARANO ANGEL DAVID total -> 7,4/10 11,1/15

Inspector: Guitarra Jhon

Q38-51

A ->

- name 0.5/0.5
- attributes 0.2/0.2
- constructor 0.2/0.2
- setters & getters 0.1/0.1

B ->

- name 0.5/0.5
- attribute 0.5/0.5

C ->

- extends 0.5/0.5
- attribute 0.1/0.2
- constructor 0.2/0.2
- setters & getters 0.1/0.1

D ->

- extends 0.1/0.4

```
public class D {  
    private ArrayList<F> fs = new ArrayList<>();  
    private E[] es = new E[5];  
}
```

- constructor 0.4/0.4
- setters & getters 0.2/0.2

E ->

- name 0.8/0.8
- toString 0.2/0.2

F ->

- name 0.8/0.8
- toString 0.2/0.2

G ->

- implements 0.1/0.5
- method m() 0/0.5

H ->

- interface and name 0.1/1.0
- method m 0/1.0

J ->

- name 0.8/0.8
- toString 0.2/0.2

main ->

- A a 0/0.4
- ArrayList<B> bs 0.4/0.4
- C[] cs = new C[3] 0/0.4

- D[ ] ds = new D[4]      0/0.4
- println()                0.2/0.4

21      GUITARRA SANCHEZ JHON ALEXANDER

Inspector: Guzman Jose

Q38-51

A ->

- name                    0.5/0.5
- attributes              0.2/0.2
- constructor            0.1/0.2
- setters & getters      0.1/0.1

➤

B ->

- name                   0.5/0.5
- attribute              0/0.5

C ->

- extends                0.5/0.5
- attribute              0/0.2
- ```
private ArrayList<E> es = new ArrayList<>();
```

      //0.0
- 
- constructor            0.0/0.2

//0.0

- setters & getters      0.1/0.1

D ->

- extends                0.4/0.4
- constructor            0.2/0.4
- setters & getters      0.2/0.2

E ->

- name                   0.8/0.8
- toString               0.2/0.2

F ->

- name                   0.8/0.8
- toString               0.2/0.2

G ->

- implements            0/0.5
- method m()            0/0.5

H ->

- interface and name    0/1.0
- method m              0/1.0

J ->

- name                   0.8/0.8

➤ toString            0.2/0.2  
 main ->  
 ➤ A a                    0/0.4  
 ➤ ArrayList<B> bs        0/0.4  
 ➤ C[] cs = new C[3]     0/0.4  
 ➤ D[] ds = new D[4]     0/0.4  
 ➤ println()            0.4/0.4  
 Total -> 6.5/10    9.75/15

```

    * @author Guitarra Jhon
    */
    public abstract class A { //0.5

        private ArrayList<A> as = new ArrayList<>(); //0.2

    * @author Guitarra Jhon
    */
    public class E { //0.8
        public E() {

        }

        @Override
        public String toString() { //0.2
            return "E{" + '}';
        }

    * @author Guitarra Jhon
    */
    public class F { //0.8
        public F() {

        }

        @Override
        public String toString() { //0.2
            return "F{" + '}';
        }
    }

    * @author Guitarra Jhon
    */
    public class J { //0.8
        public J() {

        }

        @Override
        public String toString() { //0.2
            return "J{" + '}';
        }

    * @author Guitarra Jhon
    */
    public class G { //0.0
        public G() {

        }

        @Override
        public String toString() {
            return "G{" + '}';
        }
    }
  
```