

UNIVERSITY OF THE ARMED FORCES – ESPE

WS25 – Exam Review

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Career: Telecommunications

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A ->

- name 0.5/0.5
- attributes 0/0.2
- constructor 0/0.2
- setters & getters 0.1/0.1

```
1 package ec.edu.espe.question.model;
2
3 import java.util.ArrayList;
4
5 /**
6  *
7  * @author Joel Zeas
8  */
9
10 @public class A { //0.5
11     private ArrayList<A> as;
12
13
14 //0.1
15
16 /**
17  * @return the as
18  */
19 public ArrayList<A> getAs() {
20     return as;
21 }
22
23 /**
24  * @param as the as to set
25  */
```

B ->

- name 0.5/0.5
- attribute 0/0.5

```
1 package ec.edu.espe.question.model;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class B { //0.5
8
9 }
10
```

C ->

- extends 0.5/0.5
- attribute 0/0.2
- constructor 0/0.2
- setters & getters 0.1/0.1

```

1 package ec.edu.espe.question.model;
2
3 import java.util.ArrayList;
4
5 /**
6  *
7  * @author Joel Zeas
8  */
9 public class C extends A{ //0.5
10
11     private ArrayList<E> es; //0.2
12
13     //0.1
14
15     /**
16      * @return the es
17      */
18     public ArrayList<E> getEs() {
19         return es;
20     }

```

D ->

- extends 0.4/0.4
- constructor 0/0.4
- setters & getters 0.2/0.2

E ->

name 0.8/0.8
toString 0/0.2

```

1 package ec.edu.espe.question.model;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class E { //0.8
8
9 }
10

```

F ->

- name 0.8/0.8
- toString 0.2/0.2

G ->

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

```

1 package ec.edu.espe.question.model;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class G implements H { //0.5
8     public J m() { //0.5
9         return new J();
10    }
11 }
12

```

H ->

- interface and name /1.0
- method m /1.0

```

1 package ec.edu.espe.question.model;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class H {
8
9 }
10

```

J ->

- name 0.8/0.8
- toString 0.2/0.2

```

1 package ec.edu.espe.question.model;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class J { //0.8
8
9     @Override //0.2
10    public String toString() {
11        return "J(" + ')';
12    }
13 }
14
15

```

main ->

- A a 0.4/0.4
- ArrayList bs 0.4/0.4
- C[] cs = new C[3] 0/0.4
- D[] ds = new D[4] 0/0.4
- println() 0/0.4

```
1 package ec.edu.espe.question.view;
2
3 /**
4  *
5  * @author Joel Zeas
6  */
7 public class Main {
8     public static void main(String[] args) {
9         J j;
10        E e;
11        F f;
12        C c;
13        A a; //0.4
14    }
15 }
16
```

Total: 6.4/10 9.6/15