Respuestas examen ppss junio 2022

Ej1) (1p)

<artifactId>matriculacion</artifactId>
<groupId>ppss</groupId>
<version>1.0-SNAPSHOT</version>

1a)

<packaging>pom</packaging>

1b)

<modules>
       <module>matriculacion-dao</module>
       <module>matriculacion-comun</module>
       <module>matriculacion-proxy</module>
       <module>matriculacion-bo</module>
</modules>

1c)

<parent>
       <artifactId>matriculacion</artifactId>
       <groupId>ppss</groupId>
       <version>1.0-SNAPSHOT</version>
</parent>

1d)

Se interrumpe en la fase verify.

Ej2) (1.5p)

```java
private IAlumnoDAO alumnoDAO;
public static final String TABLA_ALUMNOS = "alumnos";
private IDatabasTester databaseTester;

@BeforeEach
public void setUp() throws Exception{
   databaseTester = new JdbcDatabaseTester (...matriculacion...);

   IDataSet dataSet = new FlatXMLDataFileLoader().load("/tabla0.xml");
   databaseTester.setDataSet(dataSet);
   databaseTester.onSetup();

   alumnoDAO = new FactoriaDAO().getAlumnoDAO();
}

@Test
public void testAdd() throws Exception{
   assertThrows(DAOException.class,()->alumnoDAO.add(null));
}

@Test
public void testDelete() throws Exception{
   assertDoesNotThrow(...);

   IDataBaseConnection connection = databaseTester.getConnection();
   IDataSet databaseDataSet = connection.createDataSet();
   ITable actualTable = databaseDataSet.getTable(TABLA);

   IDataSet expectedDataSet = new FlatXMLDataFileLoader().load("/tabla1.xml");
   ITable expectedTable = expectedDataSet.getTable(TABLA);

   Assertions.assertEquals(expectedTable,actualTable);
}
```

Ej3) (1.5p)

a1) ramas(decisiones) 100% (nivel 2)

id	a	b	c	d
c1	true	true	true	true
c2	false	false	fasle	false

a2) condiciones 100% (nivel 3)

id	a	b	c	d
c1	true	true	false	true
c2	false	~~false~~	true	~~false~~
c3	true	false	false	false

3b)

WARNING] Rule violated for bundle cobertura: methods missed count is 4, but expected maximum is 2
[WARNING] Rule violated for class ejercicio2.MyClass: lines covered ratio is 0.71, but expected minimum is 0.75

```
<execution>
        <goals>
                <goal>check</goal>
        </goals>
        <configuration>
                <rules>
                        <rule>
                                <element>BUNDLE</element>
                                <limits>
                                        <limit>
                                                <counter>METHOD</counter>
                                                <value>MISSEDCOUNT</value>
                                                <maximum>2</maximum>
                                        </limit>
                                </limits>
                        </rule>
                        <rule>
                                <element>CLASS</element>
                                <limits>
                                        <limit>
                                                <counter>LINE</counter>
                                                <value>COVEREDRATIO</value>
                                                <minimum>0.75</minimum>
                                        </limit>
                                </limits>
                        </rule>
                </configuration>
</execution>
```

Ej4) (2.5p)
a)
Webdrivers driver
Uahomepage home
EstudiosGrados grados
buscadorUA buscador

@beforeEach
Publid void setUp(){
driver = new chromediver()
homepage = pagefactory.initelements(driver, uahomepage.class)
driver.get("http://www.ua.es/")
}

@Test
Public void test1(){
assertEquals("universidad de alicante", homepage.getTitle())

grados = homepage.goToEstudios();
assertEquals("grados oficiales", grados.getTitle())

buscador = grados.goToBuscador()
assertEquals("buscador de asignaturas", buscador.getTittle())
assertTrue(buscador.buscarasignatura("34027").getdriver().getpagesource().contains("planifi cación y pruyebas"))
}

b) (quizasmente esté mal, npi, yo no estudie este tema, me lo pasaron)
3 page object
Implementar page object de ua.es

Public class uahomePage{
WebDriver driver;
List<WebElement> menu
webElement enlaces
Public uaHomePage(WebDriver driver){
 This.driver = driver
 This.driver.get("www.ua.es")
 menu = driver.findElement(by.linktext("estudios"))
 enlaces = menú.findElement(by.linktext("grados"))
}

Public string getTitle() {return this.driver.getTitle()}

Public UaHomePage goToEstudios(){
 Actions builder = new Actions(driver)
Builder.moveToElement(menu)
Builder.perform();

Menú.click();

Return pageFactory.initElements(this.driver, grados.class)
}

Ej5) (1.5p)
Plan
       Thread Group
             HTTP Request Defaults
             HTTP Cookie Manager
             Home
             Main Catalog
             Interleave Controller
                    Loop Controller (loop count=2)
                         Dogs
                    Birds
             Once Only Controller
                    Reptiles
       View results tree

Ej6) (1p)
npi

Ej7) (1p)
npi