



## L1 JEE Full Stack Mock Test S

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**Q25**

Which of the following is correct to implement interservlet communication?

*Single Choice - Select one correct answer from the options list.*

RequestDispatcher rd = RequestDispatcher.getRequestDispatcher("path"); rd.include(request, response);



RequestDispatcher rd = getServletContext().getRequestDispatcher("path"); rd.include(request, response);



RequestDispatcher rd = RequestDispatcher.getRequestDispatcher(path);



RequestDispatcher rd = getServletContext().getRequestDispatcher("path"); rd.dispatch(request, response);

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**Q24**

Consider the below SomeServlet Code:



```
out.println("Output: " + request.getRequestURI());
```



If below is the URL used to invoke MyServlet,

http://localhost:8080/SomeApp/SomeServlet?txtName=bob&txtAmount=1000&btnSubmit=SUBMIT

then, What will be the output?

*Single Choice - Select one correct answer from the options list.*

Output: txtName=bob&amp;txtAmount=1000&amp;btnSubmit=SUBMIT



Output : http://localhost:8080/SomeApp/SomeServlet?txtName=bob&amp;txtAmount=1000&amp;btnSubmit=SUBMIT



Output: null



Output: /SomeApp/SomeServlet

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**Q23** In traditional automation more knowledge is required for designing as compared to BDD.  
*Single Choice - Select one correct answer from the options list.*

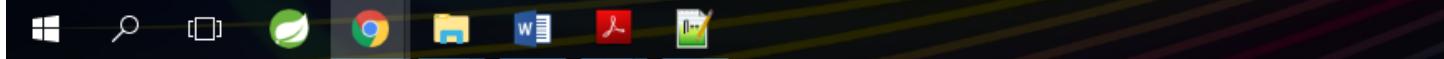
This statement is correct

This statement is wrong

This statement is irrelevant to both approach.

None of these

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**Q22** Find the below given code snippet to select the value in City dropdown.



```
WebElement cityvar = Driver.findElement(By.name("dropcity"))
Select sel = new Select(cityvar);
sel.selectByText("Bangalore");
```



State whether the above code will get execute.

*Single Choice - Select one correct answer from the options list.*



Yes, the code will execute



No, the code will not execute



Code will give compilation error



None of the above

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3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile  
7. Exit

---

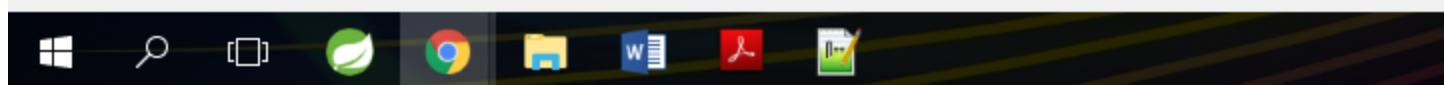
O 1. open <https://demo.opencart.com/>  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile  
7. Quit

---

B 1. open <https://demo.opencart.com/>  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile  
7. Close

---

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**Q21** Which of the following Selenium IDE script is correct for below given flow?

1. Open 'opencartdemo' application

2. verify title

3. Verify if search text box present on page

4. Enter text in search text box "Mobile"

5. click on search button

6. Verify the text" Search - mobile" is displaying on web page

7. Close the application

*Single Choice - Select one correct answer from the options list.*

1. geturl https://demo.opencart.com/

2. assertTitle Your Store

3. verifyElementPresent name=search

4. type name=search Mobile

5. clickAndWait id=serbutton

6. verifyText id=text1 Search - mobile

7. Close

1. open https://demo.opencart.com/

2. assertTitle Your Store

3. verifyElementPresent name=search

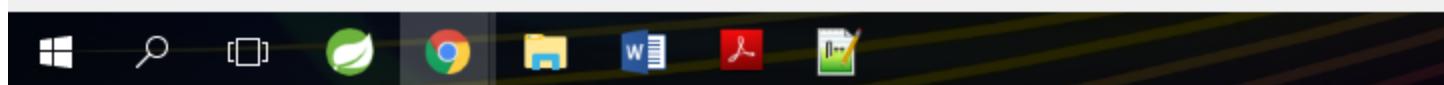
4. type name=search Mobile

5. clickAndWait id=serbutton

6. verifyText id=text1 Search - mobile

7. Exit

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**Q20** Background in Cucumber is:  
*Single Choice - Select one correct answer from the options list.*

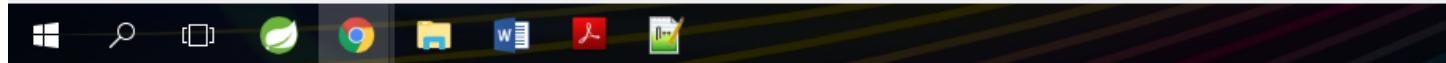
used to define a condition in the feature file.

used to define a step or series of steps which are common to all the tests in the feature file.

used to define a action in the feature file.

used to define a test.

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**Q19** Which of the below is the example of a scenario?  
*Single Choice - Select one correct answer from the options list.*

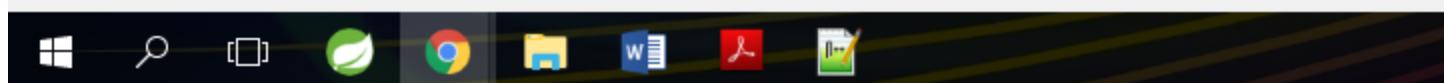
Then some testable outcome is achieved  
And something else we can check happens too

When some action by the actor  
Then some testable outcome is achieved  
And something else we can check happens too

Scenario: Some determinable business situation  
Given some precondition  
And some other precondition  
When some action by the actor  
Then some testable outcome is achieved  
And something else we can check happens too

Scenario: Some determinable business situation  
Then some testable outcome is achieved  
And something else we can check happens too

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**Q18** Cucumber does not support which of the below software platform?  
*Single Choice - Select one correct answer from the options list.*

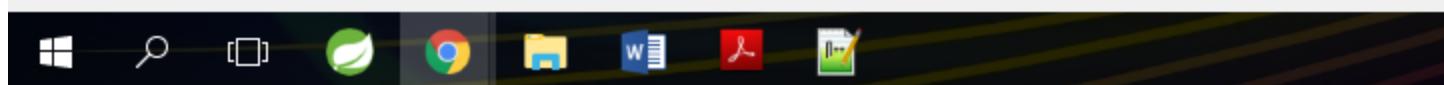
Ruby on rails

Selenium

Spring framework

Android

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**Q17** Cucumber Hooks allows us to better manage the code workflow and helps us to reduce the code redundancy.

*Single Choice - Select one correct answer from the options list.*

 TRUE

 FALSE

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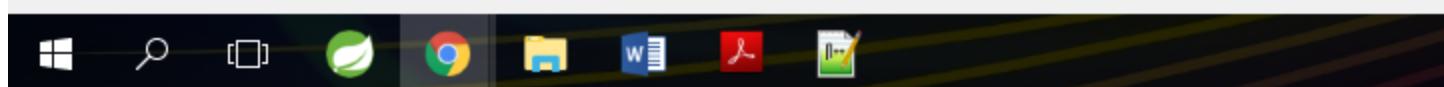
```
public void today_is_Sunday()
{
    throw new PendingException();
}

@When("^I ask whether it's Friday yet$")
public void i_ask_whether_is_s_Friday_yet()
{
    throw new PendingException();
}
```

o @When("^I ask whether it's Friday yet\$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()  
{  
 throw new PendingException();  
}

@Then("^I should be told \"([^\"]\*)\"\$")
public void i\_should\_be\_told(String arg1)
{
 throw new PendingException();
}

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```
{  
throw new PendingException();  
}
```

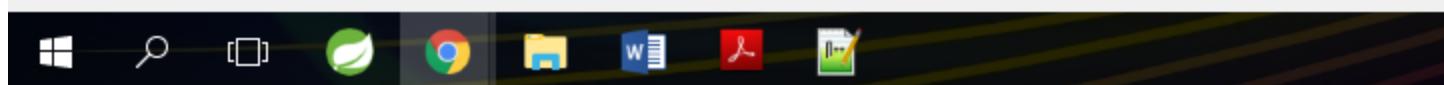
 @Given("^today is Sunday\$")  
public void today\_is\_Sunday()  
{  
throw new PendingException();  
}

 @Then("^I should be told \"([^\"]\*)\"\$")  
public void i\_should\_be\_told(String arg1)  
{  
throw new PendingException();  
}

 @Given("^today is Sunday\$")  
public void today\_is\_Sunday()  
{  
throw new PendingException();  
}

 @When("^I ask whether it's Friday yet\$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()  
{

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**Q16** Feature: Is it Friday yet?  
Everybody wants to know when it's Friday

Scenario: Sunday isn't Friday  
Given today is Sunday  
When I ask whether it's Friday yet  
Then I should be told "Nope"

Which of the below generated step file matching with the feature mentioned above?  
*Single Choice - Select one correct answer from the options list.*

@Given("^today is Sunday\$")  
public void today\_is\_Sunday()  
{  
 throw new PendingException();  
}

@When("^I ask whether it's Friday yet\$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()  
{  
 throw new PendingException();  
}

@Then("^I should be told \"([^\"]\*)\"\$")  
public void i\_should\_be\_told(String arg1)  
{  
 throw new PendingException();  
}

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**Q15** Consider the following HTML code :

```
<html>
    <head>
        <title>Select Dropdown</title>
    </head>
    <body>
        <div class="bn-default">
            <p>Please Enter any value: </p>
            <input name="textbox" class="txtbox-default" type="text"></input>
            <input name="textbox" class="txtbox-default" type="text"></input>
            <input type="radio" name="radio" value="option1" checked>
        </div>
    </body>
</html>
```

Which of the following is the best xpath to find second textbox ?  
*Single Choice - Select one correct answer from the options list.*

Xpath = //div[@class='bn-default']/input[2]

Xpath = //div[@class='bn-default']/input[1]

Xpath = //div[@class='bn-default']/input

Xpath = //\*[@name='textbox'][@class='txtbox-default']

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Windows Start Search Task View File Explorer Microsoft Word Microsoft Excel Microsoft PowerPoint Microsoft OneNote Microsoft Paint

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**Q14** Which of the following features are NOT supported by Selenium IDE ?  
*Single Choice - Select one correct answer from the options list.*

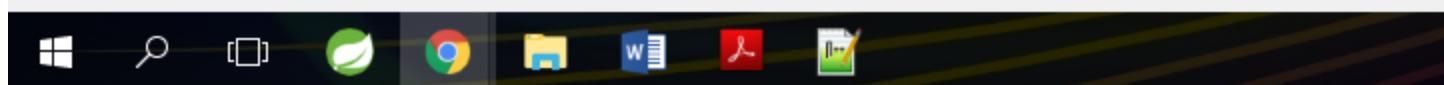
Test in multiple browsers

Test against Firefox only

Export recorded tests to scripts

Record and Play

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**Q13** Regarding the BDD which of the below statement is correct?  
*Single Choice - Select one correct answer from the options list.*

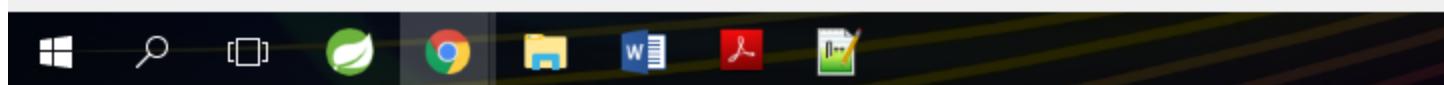
Test written are more complicated

Test are written in plain descriptive english

BDD is same as TDD

None of these

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**Q12** Which of the below is not a Cucumber keyword?  
*Single Choice - Select one correct answer from the options list.*

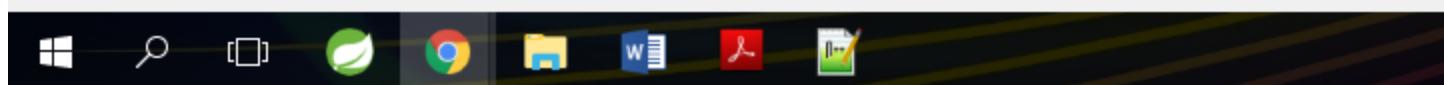
Feature

Scenario

Then

keys

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**Q11** In WebDriver code what is the purpose of implicit wait?  
*Single Choice - Select one correct answer from the options list.*

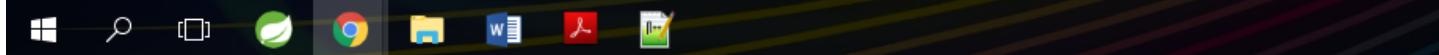
There is no feature for wait.

The implicit wait will tell to the web driver to wait for certain amount of time before it throws a No Such Element Exception

The implicit wait is used to tell the Web Driver to wait for till the page gets loaded before throwing an ElementNotVisibleException.

The implicit wait is used to tell the Web Driver to wait for expected condition or the maximum time exceeded before throwing an ElementNotVisibleException

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**Q10** When, Then, And, Given keywords can be replaced by which keyword?  
*Single Choice - Select one correct answer from the options list.*

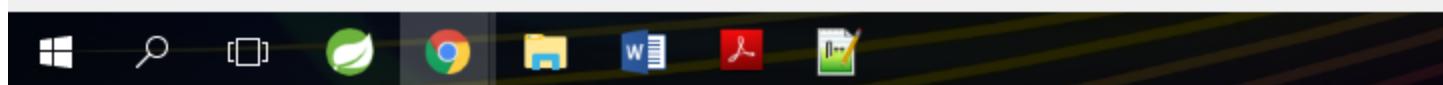
--

\*

#

&

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**Q9** Scenario outline is:  
*Single Choice - Select one correct answer from the options list.*

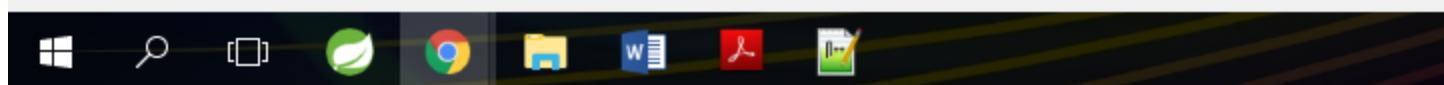
used to replace different keyword

basically replaces variable/keywords with the value from the table.  
Each row in the table is considered to be a scenario.

used to add negative type comments.

used to add conditions to your steps.

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**Q8** Which commands would you use to automate the following test scenario using Selenium IDE?  
Open URL: <http://www.google.com/> and search for "Page Object Model".  
The search textbox id is "lbsearch"  
*Single Choice - Select one correct answer from the options list.*

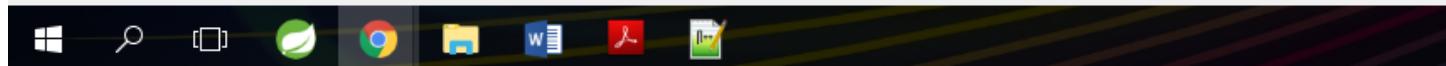
1.open <https://www.google.co.in>  
2.type id=lbsearch Page Object Model

1.get <https://www.google.co.in>  
2.type id=lbsearch Page Object Model

1.geturl <https://www.google.co.in>  
2.sendKeys id=lbsearch Page Object Model

1.open <https://www.google.co.in>  
2.insert id=lbsearch Page Object Model

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**Q7** Consider the following scenario:

Test Engg. wants to automate below scenario using Selenium IDE:  
Open URL: <http://www.google.com/> and search for "Sachin Tendulkar"  
After that he/she needs to ensure link "Sachin Tendulkar - Wikipedia, the free encyclopedia" is present on the results page

Which Selenium IDE commands would you suggest to Test Engg.? *Single Choice - Select one correct answer from the options list.*

Test Engg. has to use Open,Sendkeys,waitForElementPresent,assertTextPresent commands to automate this given scenario

Test Engg. has to use get,type,VerifyText commands to automate this given scenario

Test Engg. has to use Open,type,waitForTextPresent,VerifyLink commands to automate this given scenario

Test Engg. has to use Open,type,waitForElementPresent,assertText commands to automate this given scenario

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**Q6** Which of the following Selenium Web Driver code is correct for "Reset Button" on application web page?

*Single Choice - Select one correct answer from the options list.*

driver.findElement(By.name("btnReset")).sendKeys("You pressed Ok Button");  
driver.findElement(By.name("btnReset")).click();  
driver.findElement(By.name("btnReset")).submit();  
driver.findElement(By.name("btnReset")).reset();

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**Q5** Consider the below scenario:

David has to select selenium flavor suitable for below requirement:  
"The application needs to be tested across different browsers"

Which flavor would you suggest to David?  
*Single Choice - Select one correct answer from the options list.*

Selenium IDE

Selenium WebDriver

Selenium Grid

Selenium Web

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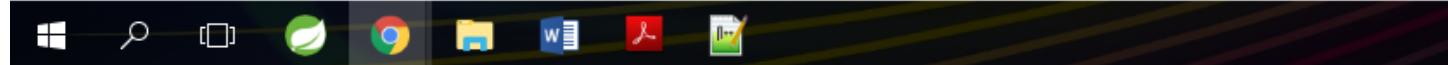
**Q4** BDD helps to focus on the user's needs and the system's expected behavior rather than focusing too much on testing the implementation.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

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**Q3**

```
public class TestDemo
{
    @Ignore @Test(expected = ClassCastException.class)
    public void testGetLastName()
    {}

    @Ignore @Test
    public void getFirstName()
    {}
}
```

Consider the above java code snippet. How many test cases will execute?  
*Single Choice - Select one correct answer from the options list.*

3

2

1

0

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**Q2**

```
public class TestDemo
{
    @Test
    static TestDemo td=new TestDemo();

    public static void main(String args[])
    {
        td.displayData();
    }

    @Test @Ignore
    void displayData()
    {
        System.out.println("hello!!!");
    }
}
```

Consider the given java code snippet & predict the output.  
Single Choice - Select one correct answer from the options list.

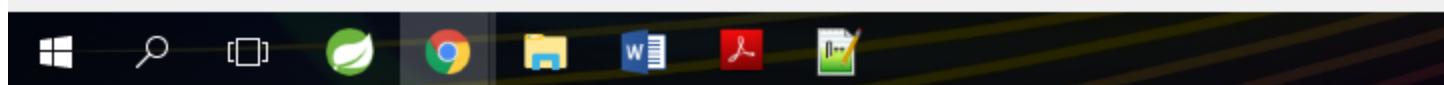
no output , as @ignore is given above displayData method

hello!!!

compilation fails as @Test Cannot be used for a object

runtime exception occurs

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**Q1** What will the following statement is true in context of JDBC 4?  
*Single Choice - Select one correct answer from the options list.*

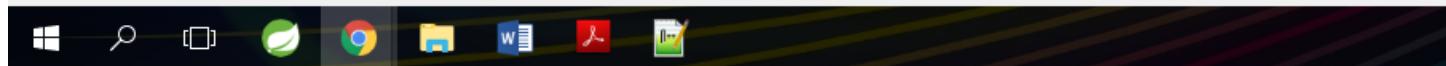
JDBC 4 auto loads and registers the Driver available in build path for Database access

Driver jar is not required while working with JDBC4

Class.forName("driver name") is still required to load and register the driver

None of the above

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**Q80** What happens if `moveTo(x,y)` method is called on window object in JavaScript ?  
*Single Choice - Select one correct answer from the options list.*



Current window will be move to the coordinate specified by x and y.



Current window will be move by x and y value.



Moves window to a new frame.

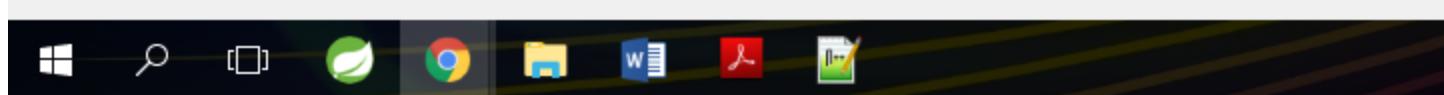


Window will disappear in background.

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**Q79** Choose the correct style example of ID selector?  
*Single Choice - Select one correct answer from the options list.*

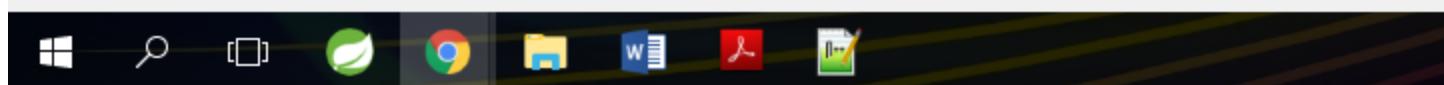
`p {  
text-align: center;  
color: red;  
}`

`#para1 {  
text-align: center;  
color: red;  
}`

`.center {  
text-align: center;  
color: red;  
}`

`h1, h2, p {  
text-align: center;  
color: red;  
}`

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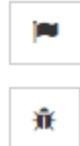
\_apps Language Fundame...

# iCompass

L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q78** Identify the properties of Document Object?



- a) anchors[]
- b) forms[]
- c) img[]
- d) links[]

*Single Choice - Select one correct answer from the options list.*



a and b only



a,b and d



a alone

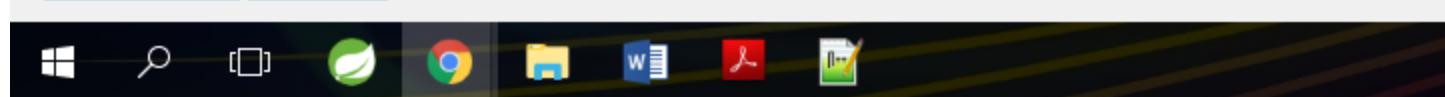


b and d

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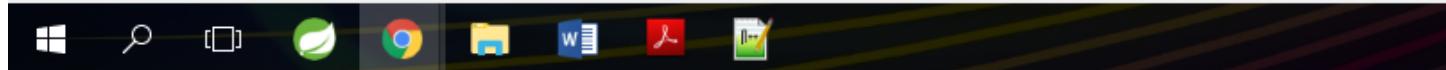
**Q77** Analyze the below given HTML code and identify how many radio buttons are allowed to be selected?

 <input type="radio" name="r" value="Business"/>Business  
 <input type="radio" name="g" value="Employee - Private Sector"/>Employee - Private Sector  
<input type="radio" name="b" value="Employee - Public Sector"/>Employee - Public Sector

*Single Choice - Select one correct answer from the options list.*

0  
 1  
 2  
 3

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Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q76** Which of the following can be used to select HTML elements based on value of their name attributes?  
*Single Choice - Select one correct answer from the options list.*

getElementsByName()  
getElementsByName()  
getElementById()  
getElement()

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Windows Search Task View Google Chrome Microsoft Word Microsoft Excel Microsoft Powerpoint Microsoft OneNote

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# iCompass

## L1 JEE Full Stack M

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**Q75** Which statement(s) is/are true about Procedures?

i. Parameter with IN mode is used to pass values to the procedure.  
ii. Parameter with OUT mode is used to return values to the caller.  
iii. Parameter with IN OUT mode is used to pass initial values to the procedure and return updated values to the caller.  
iv. Formal parameter should be assigned a value, if parameter mode is IN OUT.

*Single Choice - Select one correct answer from the options list.*

Statement i and ii are true  
 Statement ii and iii are true  
 Statement iii and iv are true  
 All the statements are true

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# iCompass

## L1 JEE Full Stack

Section: 1 2 3 4 5 6 7 8 9 10 11 12

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	JOB	HIRE_DATE	SALARY	COMMISSION_PCT	DEPARTMENT_ID
1	7521	WARD	SALESMAN	7698	22-FEB-81	1250	700	30
2	7566	JONES	MANAGER	7839	02-APR-81	2975		20
3	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1600	30
4	7698	BLAKE	MANAGER	7839	01-MAY-81	4000		30
5	7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
6	7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7	7839	KING	PRESIDENT		17-NOV-81	5000		10
8	7844	TURNER	SALESMAN	7698	08-SEP-81	1500	300	30
9	7876	ADAMS	CLERK	7788	12-JAN-83	2100		20
10	7900	JAMES	CLERK	7698	03-DEC-81	950	100	30
11	7902	FORD	ANALYST	7566	03-DEC-81	3000		20
12	7934	MILLER	CLERK	7782	23-JAN-82	3000		10
13	7369	SMITH	CLERK	7902	17-DEC-80	800	100	20

Identify the query to display hiredate and number of employees joined in that date in a given department number. Also order the details based on hiredate.  
Single Choice - Select one correct answer from the options list.

SELECT hiredate,COUNT(\*) FROM employee GROUP BY hiredate ORDER BY 1

SELECT hiredate,COUNT(\*) FROM employee WHERE deptno=20 GROUP BY hiredate ORDER BY 1;

SELECT hiredate,COUNT(\*) FROM employee WHERE deptno=20 GROUP BY hiredate ORDER BY 0;

SELECT hiredate,COUNT(\*) FROM employee GROUP BY hiredate ORDER BY 1 WHERE deptno=20;

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# iCompass

## L1 JEE Full Stack Mod

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**Q73** Examine the structure of dept table:

<pre>SQL&gt; desc dept;</pre> <table><thead><tr><th>Name</th><th>Null?</th><th>Type</th></tr></thead><tbody><tr><td>DEPTNO</td><td>NOT NULL</td><td>NUMBER(4)</td></tr><tr><td>DNAME</td><td></td><td>VARCHAR2(14)</td></tr><tr><td>LOC</td><td></td><td>VARCHAR2(13)</td></tr></tbody></table>		Name	Null?	Type	DEPTNO	NOT NULL	NUMBER(4)	DNAME		VARCHAR2(14)	LOC		VARCHAR2(13)
Name	Null?	Type											
DEPTNO	NOT NULL	NUMBER(4)											
DNAME		VARCHAR2(14)											
LOC		VARCHAR2(13)											

A developer had created department\_master table with the similar structure of dept table using the below query:

```
CREATE TABLE department_master AS SELECT * FROM dept WHERE 1=2;
```

Identify the query to copy all records from dept table and insert the same into department\_master table.  
*Single Choice - Select one correct answer from the options list.*

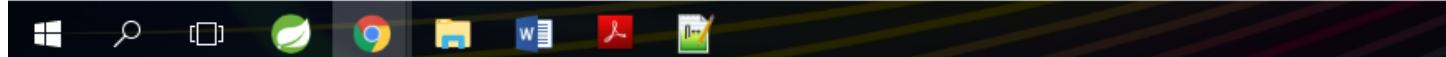
INSERT INTO department\_master SELECT \* FROM dept;

INSERT INTO department\_master VALUES SELECT \* FROM dept;

INSERT INTO department\_master VALUES AS SELECT \* FROM dept;

Copying of records from one table and inserting to another table is impossible.

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## L1 JEE Full

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7698	BLAKE	MANAGER	7839	01-MAY-81	4000		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7839	KING	PRESIDENT		17-NOV-81	5000		10
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	300	30
7876	ADAMS	CLERK	7788	12-JAN-83	2100		20
7900	JAMES	CLERK	7698	03-DEC-81	950	100	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7934	MILLER	CLERK	7782	23-JAN-82	3000		10
7369	SMITH	CLERK	7902	17-DEC-80	800	100	20

Identify the query to display list of employee details(ename, sal and job) who are earning salary higher than all the minimum salaries based on each job.

*Single Choice - Select one correct answer from the options list.*

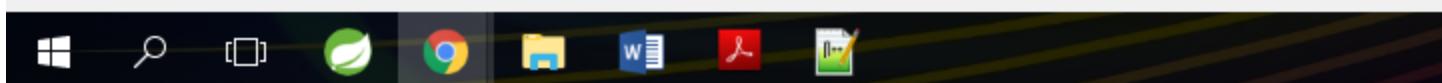
SELECT ename,sal,job FROM employee WHERE sal>(SELECT min(sal) FROM employee GROUP BY job);

SELECT ename,sal,job FROM employee WHERE sal>ANY (SELECT min(sal) FROM employee GROUP BY job);

SELECT ename,sal,job FROM employee WHERE sal>ALL (SELECT min(sal) FROM employee);

SELECT ename,sal,job FROM employee WHERE sal>ALL (SELECT min(sal) FROM employee GROUP BY job);

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**Q72** Examine the content of EMPLOYEE table:

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	500	30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	700	30
7666	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1600	30
7698	BLAKE	MANAGER	7839	01-MAY-81	4000		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7839	KING	PRESIDENT		17-NOV-81	5000		10
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	300	30
7876	ADAMS	CLERK	7788	12-JAN-83	2100		20
7900	JAMES	CLERK	7698	03-DEC-81	950	100	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7934	MILLER	CLERK	7782	23-JAN-82	3000		10
7369	SMITH	CLERK	7902	17-DEC-80	800	100	20

Identify the query to display list of employee details(ename, sal and job) who are earning salary higher than all the minimum salaries based on each job.

Single Choice - Select one correct answer from the options list.



SELECT ename,sal,job FROM employee WHERE sal>(SELECT min(sal) FROM employee GROUP BY job);



SELECT ename,sal,job FROM employee WHERE sal>ANY (SELECT min(sal) FROM employee GROUP BY job);

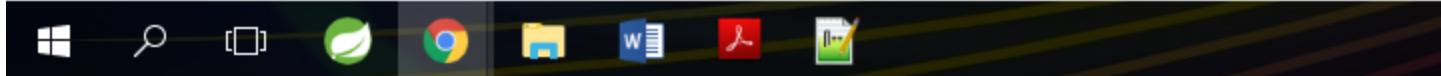


SELECT ename,sal,job FROM employee WHERE sal>ALL

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 **10** 11

**Q71** Which of the given is an example of non configuration item ?  
*Single Choice - Select one correct answer from the options list.*

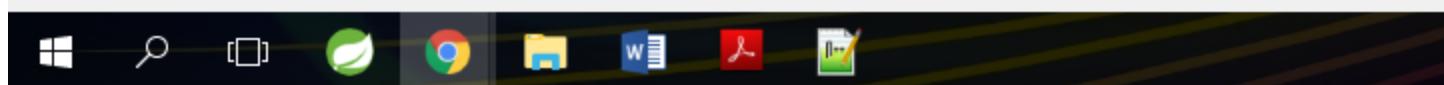
 Design document

 Project plan

 Weekly status Reports

 Test case

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**Q70** Elicitation process is carried under which phase of SDLC model ?  
*Single Choice - Select one correct answer from the options list.*

 Feasibility

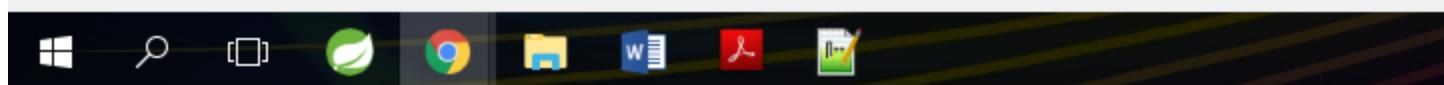
 Design

 Requirements

 Coding

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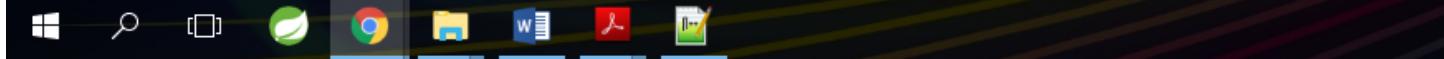
# iCompass L1 JEE Full Stack Mo

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q69** When are the activities like knowledge transfer , end user training , project signoff carried out?  
*Single Choice - Select one correct answer from the options list.*

- After unit testing
- After acceptance testing
- After system testing
- Before system testing

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**Q68** What is the full form of QMS?  
*Single Choice - Select one correct answer from the options list.*

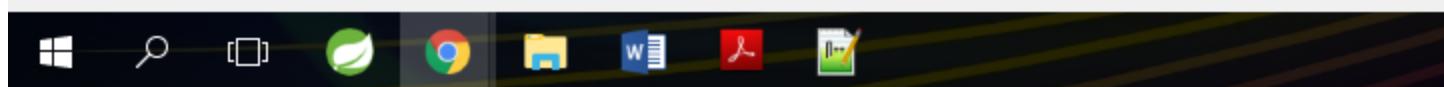
Quality Management System

Quality Manual System

Quality Monitoring System

None of the above

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q67** Non-fulfillment of user's expectations is called as:  
*Single Choice - Select one correct answer from the options list.*

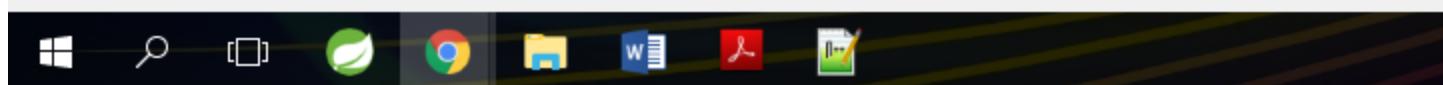
Issue

Defect

Product

Risk

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q66** Which classes are used for Serialization process?  
*Single Choice - Select one correct answer from the options list.*

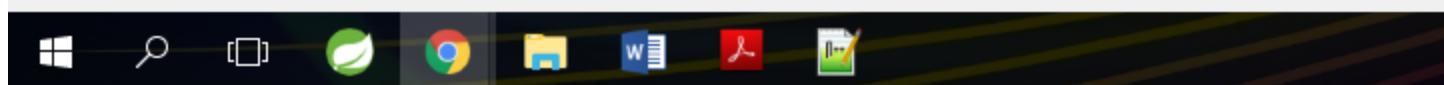
ObjectInputStream & ObjectOutputStream

ObjectOutputStream & IOStream

InputStream & OutputStream

BufferedInputStream, FileOutputStream & ObjectOutputStream

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# iCompass

## L1 JEE Full Stack M

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q65**

```
List<String> list = new ArrayList<>(); //Line 1
list.add("Hello");
list.add("World");
Consumer<List<String>> consumer = Collections ::reverse; //Line 2
consumer.accept(list);
System.out.println(list);
```

Refer to the above code snippet; what will be the output in console?  
Single Choice - Select one correct answer from the options list.

Display [World, Hello] in console

Display [Hello, World] in console

Compilation error at Line number 1, as generics not specified

Compilation error at Line number 2, as reverse method returns does not return void

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q64**

```
import java.util.function.BiFunction;
public class TestQuestion {
    public static void main(String[] args)
    {
        BiFunction<Integer, Integer, Boolean> isMax = (x, y) -> {
            return (x > y ? true : false);
        };
        System.out.println(isMax.apply(45, 50));
    }
}
```

What will be the output of above code?

Single Choice - Select one correct answer from the options list.

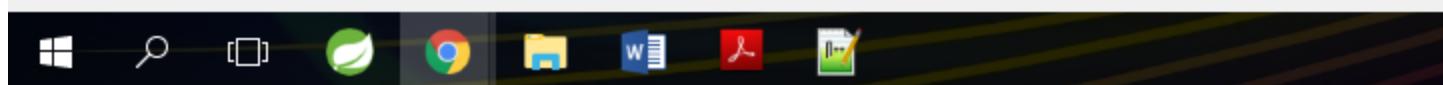
True

False

Compilation error as a BiFunction requires only 2 arguments

Exception is thrown

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L1 JEE Ful

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**Q63** Refer to the below code.

```
import java.util.Arrays;
import java.util.List;
import java.util.TreeSet;

public class MyArray{

    public static void main(String a[])
    {
        String[] strArr = {"one", "two", "three", "four", "four", "five"};
        //convert string array to list
        List<String> tmpList = Arrays.asList(strArr);
        //create a treeset with the list, which eliminates duplicates
        TreeSet<String> unique = new TreeSet<String>(tmpList);
        System.out.println(unique);
    }
}
```

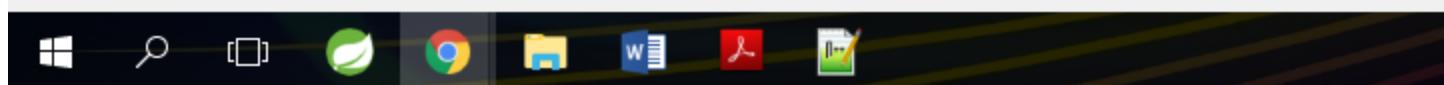
What will be the output?  
Single Choice - Select one correct answer from the options list.

[five, four, one, three, two]

[five,four, four, one, three, two]

compilation fails as list object cannot be passed to constructor of Treeset

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**Q62**

```
class Demo2
{
    public static void main(String ar[])
    {
        int a=Integer.parseInt(ar[0]);
        int b=Integer.parseInt(ar[1]);
        System.out.println(a+b);
    }
}
```

Run application using

```
java Demo2 10 hello
```

Identify possible exception to be handled in the program:  
*Single Choice - Select one correct answer from the options list.*

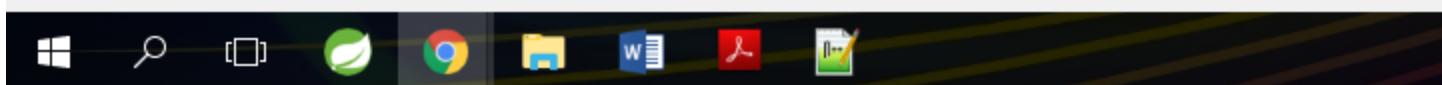
ArrayIndexOutOfBoundsException

NumberFormatException

IllegalArgumentException

None of the above

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**Q61** Consider the given code:

List<Integer> listInt = Arrays.asList(10,20,30,40,50,60);  
 System.out.println(listInt.stream().reduce((prev,current)->prev + current));

Select the correct output ?  
*Single Choice - Select one correct answer from the options list.*

Optional[210]

Optional[30]

Optional[110]

210

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q60** public class LambdaDemo {

```
public static void main(String[] args)
{
    Supplier<String>supplier = ()->"Welcome to Java World";
    Predicate<String>pred = (str1)->str1.length()>10;
    System.out.println(pred.test(supplier.get()));
}
```

*Single Choice - Select one correct answer from the options list.*

True

False

Compilation error

None of the above

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The screenshot shows a web browser window displaying a Java programming question from the Capgemini iCompass platform. The question asks about the execution of a Java code snippet involving a lambda expression and a predicate. Below the question are four multiple-choice options: 'True' (selected), 'False', 'Compilation error', and 'None of the above'. At the bottom of the page, there are navigation buttons for 'Previous' and 'Next', and it indicates '60 out of 80' total questions. The Windows taskbar at the bottom of the screen shows icons for File Explorer, Chrome, Word, Excel, Paint, Task View, Search, Start, and a green leaf icon.

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https://icompassweb.fs.capgemini.com/iCompass/#/test

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L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q59** Given the following class, which statements can be inserted at line (1) will cause the compilation error?



```
public class Test {  
    int a;  
    int b = 0;  
    static int c;  
    public void m()  
    {  
        int d;  
        int e = 0;  
        // (1) INSERT CODE HERE.  
    }  
}
```



*Single Choice - Select one correct answer from the options list.*



a++



b++



c++

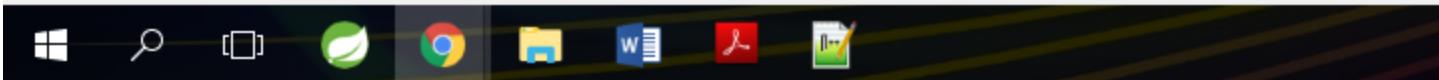


d++

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Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q58**

```
public class Test {  
    public static void main(String[] args)  
    { String name=new String("aravind");  
  
        int position=name.replace('a', '*').substring(2,4).indexOf('i');  
        System.out.println(position);  
    }  
}//end of class
```



What will be the output?

Single Choice - Select one correct answer from the options list.



2



4



0

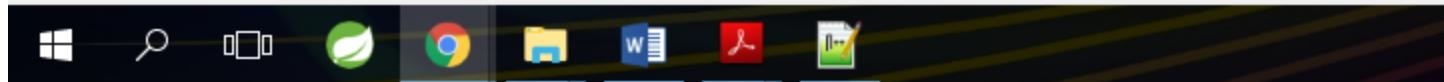


-1

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# iCompass

## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q57** Assuming that there are 5 rows in the ProductDetails table  
(COLUMNS: product\_id number(10), product\_title varchar(30) ),



What will be the output of the following Java code?



```
DriverManager.registerDriver (new oracle.jdbc.driver.OracleDriver());
Connection conn =
DriverManager.getConnection (
"jdbc:oracle:thin:@10.212.74.18:1521:orcl", "user", "password");
Statement stmt1=conn.createStatement();
ResultSet rs=stmt1.executeQuery("SELECT * FROM ProductDetails");
System.out.println(rs.getInt(1)+" "+rs.getString(2));-----Line 1
```

*Single Choice - Select one correct answer from the options list.*



Compilation error in the Line 1 as rs.next() is not given before this



SQLException is raised. Because rs.next() is not given in the code



Prints the contents of the first row from the table



SQLException is raised. Because while loop is not given in the code

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# iCompass

L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q56** Given:

1. interface Horse { public void nicker(); }

Which will give compilation error?  
Single Choice - Select one correct answer from the options list.

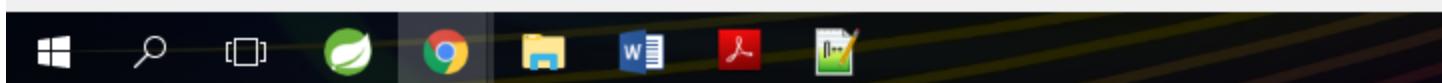
public class Eyra implements Horse  
{ public void nicker()  
{} }

public class Eyra implements Horse  
{ public void nicker(int x)  
{} }

public class Eyra implements Horse  
{  
public void nicker()  
{ System.out.println("huhuhuhuh..."); }  
}

public abstract class Eyra implements Horse  
{  
public void nicker(int loud)

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## L1 JEE Full

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**Q55** What will be the output of the program?

```
import java.util.*;
class Test
{
    public static void main (String[] args)
    {
        Set hashSet = new HashSet();
        hashSet.add(1);
        hashSet.add(null);
        hashSet.add(null);
        hashSet.add("1");
        System.out.println(hashSet);
    }
}
```

*Single Choice - Select one correct answer from the options list.*

[null,1,1]

[1,1]

[1]

[1,null,null]

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Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q54** Priya is involved in the development of online shopping system. She wants to maintain product details in a cart such as product id and quantity in the form of key/value pair. She wants data in sorted manner. Which collection classes would you suggest for her to implement the functionality based on the above requirement?  
*Single Choice - Select one correct answer from the options list.*

**java.util.Vector**

**java.util.HashMap**

**java.util.TreeMap**

**java.util.ArrayList**

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Single Choice - Select one correct answer from the options list.

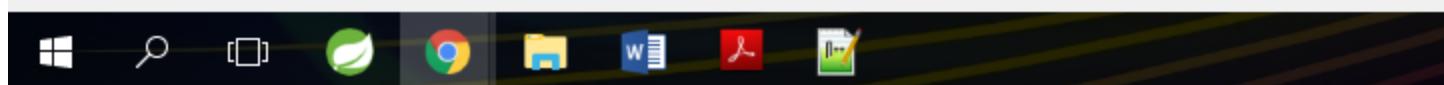
Hollow  
wow  
wow  
Welcome  
world

Hollow  
wow  
Welcome  
world

Hollow  
wow  
world

Hollow  
wow  
wow  
world

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q53** public class StreamDemo {

```
public static void main(String[] args)
{
    public static void main(String[] args)
    {
        Stream<String>str = Stream.of("Hollow","wow","Welcome","wow","world");
        str.filter((ref)->ref.contains("w")).distinct().forEach((stt)->System.out.println(stt));
    }
}
```

What is the output of above code?  
Single Choice - Select one correct answer from the options list.

Hollow  
 wow  
 wow  
 Welcome  
 world

Hollow  
 wow  
 Welcome  
 world

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a.blowUp();  
System.out.println("a");  
} catch (IOException e | SQLException e)  
{  
System.out.println("c");  
} finally {  
System.out.println("d");  
}  
}  
void blowUp() throws IOException, SQLException {  
throw new SQLException();  
}  
}

What is the result?  
Single Choice - Select one correct answer from the options list.

ad

acd

cd

compilation error in catch block

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# iCompass

L1 JEE Ful

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q52**

```
class AllGoesWrong {  
    public static void main(String[] args)  
    {  
        AllGoesWrong a = new AllGoesWrong();  
        try {  
            a.blowUp();  
            System.out.println("a");  
        } catch (IOException e | SQLException e)  
        {  
            System.out.println("c");  
        } finally {  
            System.out.println("d");  
        }  
    }  
    void blowUp() throws IOException, SQLException {  
        throw new SQLException();  
    }  
}
```



What is the result?

Single Choice - Select one correct answer from the options list.



ad



acd

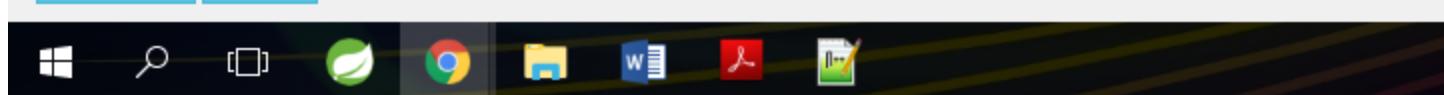


cd

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**Q51**

```
public static void main(String[] args)
{
5. try {
6. if(args.length == 0) throw new Exception();
7. }
8. catch (Exception e)
{
9. System.out.print("done ");
10. doStuff(); // assume this method compiles
11. }
12. finally {
13. System.out.println("finally ");
14. }
15. }
```

Which is the output of this code?  
Single Choice - Select one correct answer from the options list.

done

finally

done finally

compilation error

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q50** What will be written to the standard output when the following program is run?



```
public class Test {  
    public static void main(String[] args)  
    {  
        String word = "restructure";  
        System.out.println(word.substring(2, 3));  
    }  
}
```



Select the one correct answer.

*Single Choice - Select one correct answer from the options list.*



est



s



es



str

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icompass

## L1 JEE Full Stack M

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q49** Select the true statements about serialization.

*Single Choice - Select one correct answer from the options list.*

- Serialization is a mechanism of saving the state of an object into a file
  - To persist an object to a file, the object Class properties needs an transient keyword
  - Serialization is the process of reconstructing the object from the deserialized state
  - All of the Above

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Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q48** Which of the following statement is incorrect about anonymous inner class?  
*Single Choice - Select one correct answer from the options list.*

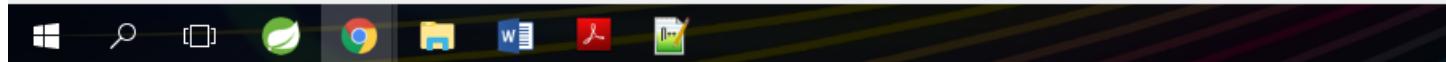
Anonymous inner classes have no name, and their type must be either a subclass of the named type or an implementer of the named interface.

Because of polymorphism, the only methods you can call on an anonymous inner class reference are those defined in the reference variable class (or interface), even though the anonymous class is really a subclass or implementer of the reference variable type

An anonymous inner class can extend more than one subclass or implement more than one interface.

An anonymous inner class is always created as part of a statement; don't forget to close the statement after the class definition with a curly brace. This is a rare case in Java, a curly brace followed by a semicolon.

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## L1 JEE Full Stack

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q47** Which of the following is true regarding Class Loader?

a. check Java programs have been compiled correctly  
b. prevents a class that is loaded off the network from pretending to be one of the standard built-in classes or from servers  
c. the byte code will not access private data when they should not  
d. implements security for the VM

*Single Choice - Select one correct answer from the options list.*

option a  
 option a & b  
 option b  
 option c & d

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q46** Which method is used to get current thread name?

*Single Choice - Select one correct answer from the options list.*



Thread.currentThread().getName();



getThread().getName();



Thread.getName()

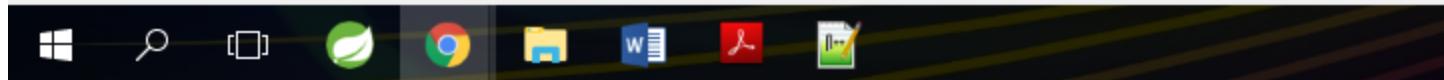


none of the above

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```
-- --  
public static void main(String[] args)  
{  
    try {  
        int x = args[0]/args[1];  
    } catch (NullPointerException nullEx)  
    {  
        System.out.print("x");  
    } catch (Exception ex)  
    { System.out.print("y");  
    } finally {  
        System.out.print("z");  
    } } }
```

What would be the output of above code fragment if the program executed on command line as "java Alpha ten 0"?

*Single Choice - Select one correct answer from the options list.*

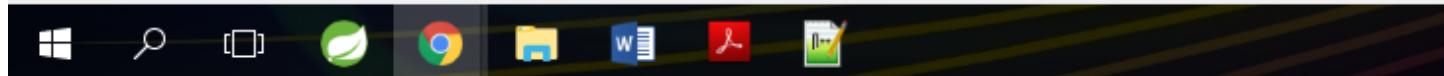
x z

Compilation error due to incompatible types used for calculation

An exception is thrown at runtime

yz

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## L1 JEE Full Stack

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**Q44** Which of the below statements are correct?

1. Static variable live basically as long as their class lives.
2. Instance Variables live as long as their object lives
3. Local variables live as long as their method is on stack ,however ,if their method invokes another method, ,they are temporarily unavailable.
4. Block variables (in a for loop or if stmt ) live until the block completes.

*Single Choice - Select one correct answer from the options list.*

only 1

only 1 and 2

All are correct

1,2,3

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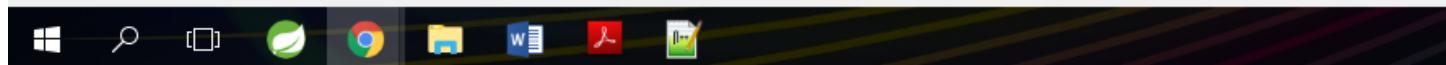
Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q43** Which of the following Java interfaces can be used by Collections.sort() method to sort user defined objects stored in a list?

Single Choice - Select one correct answer from the options list.

SortedSet  
  Comparator  
  Comparable  
  None

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q42** Which of the following is an checked Exception in JAVA?  
*Single Choice - Select one correct answer from the options list.*

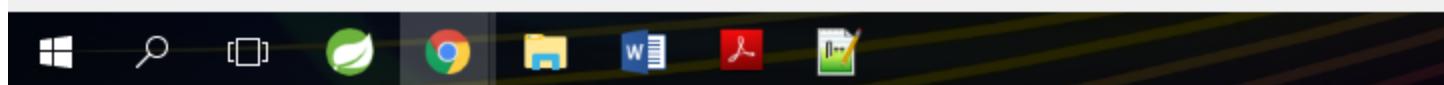
ClassCastException

SQLException

NullPointerException

ArrayIndexOutOfBoundsException

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## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q41** Which of the following is not a Functional Interface in java 8?  
*Single Choice - Select one correct answer from the options list.*

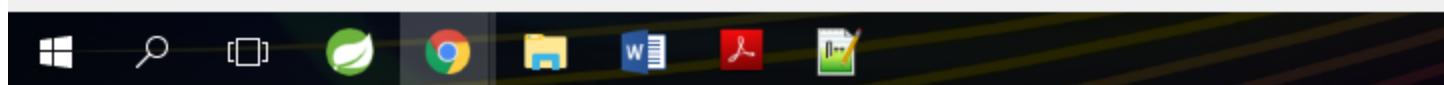
Supplier

Consumer

Serializable

Predicate

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## L1 JEE Full Stack Mock Test

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q40** In a Spring application, Consider InternalResourceViewResolver is used and handleRequest method returns ModelAndView ("home","msg",message) then which JSP will be invoked?  
Single Choice - Select one correct answer from the options list.

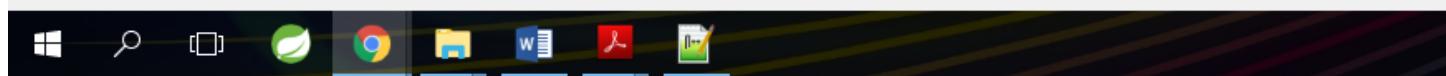
home.jsp

msg.jsp

message.jsp

model.jsp

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Apps Language Fundamentals

# iCompass

## L1 JEE Full Stack

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q39** Select the correct choice based on given statements:

1. DataSource in Spring can be acquired using either DriverManagerDataSource or by using JNDI lookup.  
2. Entity manager could be either application managed or container managed.

*Single Choice - Select one correct answer from the options list.*

Statement 1 is true where as 2 is false  
 Statement 1 is false where as 2 is true  
 Both statements are true  
 Both statements are false

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Apps Language Fundamentals

# iCompass

L1 JEE Full Stack

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q38** Consider the given class:

```
//Line 1.....  
public class PaymentRepositoryImpl {  
    //Line 2.....  
    private EntityManager entityManager;  
    //rest code  
}
```

If there is a requirement to configure above class using annotations, then which of the following annotations are valid to define Spring repository bean and inject EntityManager instance respectively?

*Single Choice - Select one correct answer from the options list.*

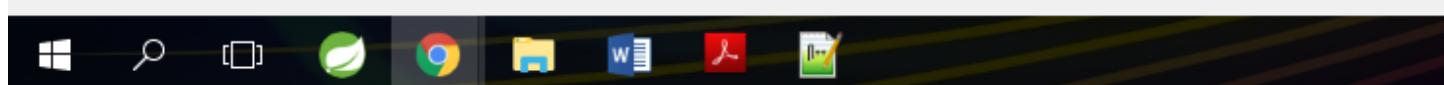
1. @Repository  
2. @PersistenceContext

1. @Service  
2. @PersistenceUnit

1. @Repository  
2. @EntityManager

1. @Controller  
2. @PersistenceContext

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# iCompass

## L1 JEE Full Stack Mock Test S

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q37** Select the correct statement about spring annotations?  
*Single Choice - Select one correct answer from the options list.*

- @Repository: This annotation marks classes that implement a part of the database access logic of an application
- @ComponentScan : An equivalent for Spring XML's <context:component-scan/> is provided with the @ComponentScan annotation
- @EnableAutoConfiguration annotation will trigger automatic loading of all the beans the application requires
- All of the above

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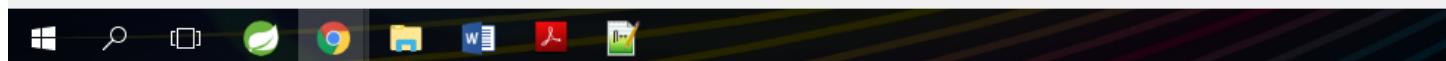
# iCompass L1 JEE Full Stack Mock Test

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q36** Select the correct statements about spring annotations?  
*Single Choice - Select one correct answer from the options list.*

@Param annotation is class level annotation used to map requested URL  
  @ModelAttribute annotation binds a method parameter to a named attribute, exposed to web view  
  @RequestMapping can only be applied to methods of repository class  
  Usage of @Controller annotation at class level represents that class is used for Database connection

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L1 JEE Full

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**Q35** Choose the correct statement about the given Spring code:



```
@Component  
public class Order {  
    @Autowired  
    private Product product;  
    private Customer customer;  
    @Autowired  
    public Order(Customer customer)  
    {  
        this.customer = customer;  
    }
```

```
// ...  
}
```

*Single Choice - Select one correct answer from the options list.*



We can do `@AutoWired` by constructor, but not by name



We can do `@AutoWired` by constructor & by name



We can do `@AutoWired` by name & but not by constructor



We can do `@AutoWired` not by name & by constructor

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# iCompass L1 JEE Full Stack Mock Test

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q34** Which Spring modules usage will be more suitable for designing spring application in the below given scenarios?

Scenario 1: Developer wants to use new data access technologies, such as non-relational databases in his application.

Scenario 2: Developer wants to use an embedded server in a development environment.

*Single Choice - Select one correct answer from the options list.*

Scenario 1. Spring Data  
Scenario 2. Spring Boot

Scenario 1. Spring Data  
Scenario 2. Spring Cloud

Scenario 1. Spring XD  
Scenario 2. Spring Framework

Scenario 1. Spring XD  
Scenario 2. Spring Web

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# iCompass

## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q33** Pick up the valid option for the scope attribute in Spring 3.0:

`<bean id="app" class="com.cg.payment.dto" scope=""/>`  
*Single Choice - Select one correct answer from the options list.*

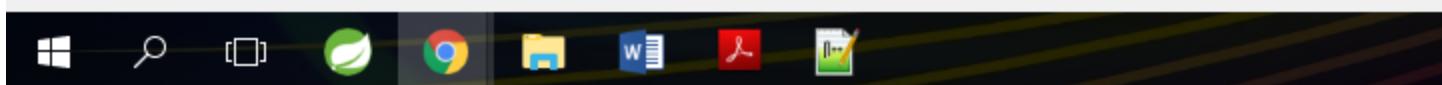
context

prototype

httpSession

page

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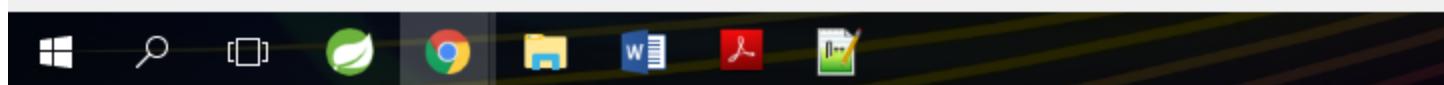
## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q32** Which annotation is representing Entity class?  
*Single Choice - Select one correct answer from the options list.*

@Entity  
  @EntityClass  
  @EntityName  
  @Entities

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# iCompass

## L1 JEE Full Stack Mo...

Section: 1 2 3 4 5 **6** 7 8 9 10 11 12

**Q31** Select the correct way of specifying Single Table per Class hierarchy entity mapping strategy:  
*Single Choice - Select one correct answer from the options list.*

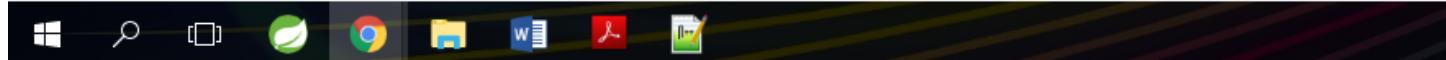
InheritanceType.JOINED

InheritanceType.SINGLE\_TABLE

InheritanceType.TABLE\_PER\_CLASS

None of these

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Section: 1 2 3 4 5 6 7 8 9 10 11

**Q30** <c:forEach var="item" items="one, two, three, four" >  
//LINE 1  
</c:forEach>

Select the correct option which will display all the value of items:  
*Single Choice - Select one correct answer from the options list.*

<%=#{item} %>

<% \${item} %>

\${item}

\${item[i] }

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# iCompass

## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q29** Ganesh wants to include a file at the JSP page after page translation. Which JSP directive has to be used by him?  
*Single Choice - Select one correct answer from the options list.*

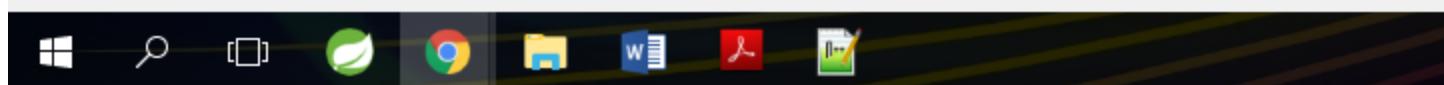
 taglib directive

 page directive

 jsp action include

 include directive

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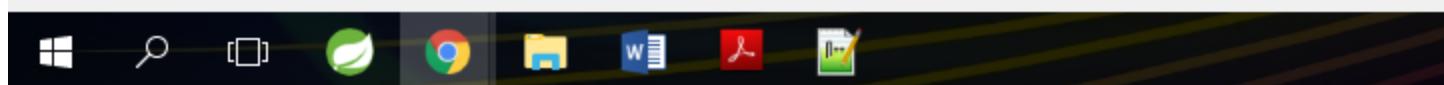
## L1 JEE Full

Section: 1 2 3 4 5 6 7 8 9 10 11

**Q28** In JSP Action tags, which tag is used to add an object to session?  
*Single Choice - Select one correct answer from the options list.*

<jsp:include>  
<jsp:useBean>  
<jsp:plugin>  
<jsp:param>

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## L1 JEE Full Stack M

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**Q27** Consider following JSP code snippet. What would it result in?

```
<%! public String sample()
{
    return "Testing method sample()";
}
%> <%=sample()%>
```

*Single Choice - Select one correct answer from the options list.*

- Prints "Testing method sample()"
- Will result in Blank page, however no error displayed on the page
- Compilation error as the function cannot be called inside the expression tag
- Runtime Exception as the function cannot be called inside the expression tag

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## L1 JEE Full Stack M...

Section: 1 2 3 4 5 6 7 8 9 10 11 12

**Q26** Which method of HttpSession object is used to find out at what time session was created?  
*Single Choice - Select one correct answer from the options list.*

public long getCreationTime()

public long getLastAccessedTime()

public long getLastCreationTime()

public long getFirstAccessedTime()

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