

DAILY ONLINE ACTIVITIES SUMMARY

Date:	28-05-2020	Name:	M.C Suchithra Heggade
Sem & Sec	VI A	USN:	4AL17CS047
Online Test Summary			
Subject	OS IA Test		
Max. Marks	30	Score	24
Certification Course Summary			
Course	Cloud Foundations		
Certificate Provider	Great Learning	Duration	5hr
Coding Challenges			
<p>Problem Statement: Balanced bracket Java program to balance the bracket</p> <p>JSP-prog 1 write JSP code to display today's date and time using expression tag</p> <p>JSP-prog 2 write JSP script to determine how many times the visitor has loaded the page.</p>			
Status: Completed			

Uploaded the report in GitHub	Yes
If yes Repository name	https://github.com/Suchitraheggade/certification-and-online-coding
Uploaded the report in slack	Yes

Online test Detail:

Test Completed!
You have successfully participated in OS-17CS64-TEST 2.

Rate this Test
Your Rating: ★★★★★ • Click to Rate

Results	Analytics
<p>✓ Test 2 submitted</p> <p>PROBLEMS</p> <p>Your Score</p> <p>10 / 12</p>	<p>✓ Test 1 submitted</p> <p>MCQ</p> <p>Your Score</p> <p>14 / 18</p>

Please verify your internet connection and retry

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28-05-2020

Online Certification Details

Modules completed:

Definitions, Stories and Business Concerns.

Classical Enterprise, Why cloud and Evolution of cloud.

Service Models, Abstraction Levels, SPIDERS.

Cloud Attributes, Managed Services and Deployment Models.

Pricing and Scaling Models.

olympus.greatlearning.in/courses/10919/pages/module-1-definitions-stories-and-business-concerns?module_item_id=445362

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Courses / Cloud Foundations / Module 1 - Definitions, Stories & Business Concerns

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- Cloud Foundations Overview
- Course Overview
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 - Module 2 - Classical Enterprise, Why Cloud & Evolution of Cloud
 - Module 3 - Service Models, Abstraction Levels, SPIDERS
 - Module 4 - Cloud Attributes, Managed Services & Deployment Models
 - Module 5 - Pricing & Scaling Models
 - Module 6 - Introduction to Virtualization

Module 1 - Definitions, Stories & Business Concerns

Our focus

1. PGP in Cloud Computing
2. There is nothing called Cloud Computing?
3. Our focus
4. A few stories
5. What does the business worry about?
6. The classical enterprise
7. Why cloud?
8. A short history and evolution
9. Any definitions?
10. Myths of cloud computing
11. Service delivery models
12. Cloud providers comparison
13. SPIDERS
14. A perspective

olympus.greatlearning.in/courses/10919/pages/module-2-classical-enterprise-why-cloud-and-evolution-of-cloud?module_item_id=445363

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Courses / Cloud Foundations / Module 2 - Classical Enterprise, Why Cloud & Evolution of Cloud

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Module 2 - Classical Enterprise, Why Cloud & Evolution of Cloud

The classical enterprise

1. Portals

Monolith Web application - all components are bundled together as a single deployable application

Module 3 - Service Models, Abstraction Levels, SPIDERS

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 - Module 6 - Introduction to Virtualization
 - Module 7 - Containers vs VMs, PaaS & Services Taxonomy

Module 3 - Service Models, Abstraction Levels, SPIDERS

SPIDERS

- "SaaS"
- "PaaS"
- "IaaS"
- "bigData"

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Module 4 - Cloud Attributes, Managed Services & Deployment Models

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Module 4 - Cloud Attributes, Managed Services & Deployment Models

Cloud computing attributes

Choice of provider - Based on business need and partnership models. Market competition is good for consumers as it avoids monopoly

11: SPIDERS

14: A perspective

15: Degree of abstraction - app view

16: Where are these things coming from?

17: Let's see it

18: Cloud computing attributes

19: Cloud offerings

20: Hosted managed services

21: Cloud storage as a service

22: Cloud deployment models Pt 1

23: Cloud deployment models Pt 2

24: Cloud deployment models Pt 3

25: Cloud deployment models Pt 4

26: An Amazon example

18

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Module 5 - Pricing & Scaling Models

olympus.greatlearning.in/courses/10919/pages/module-5-pricing-and-scaling-models?module_item_id=445366

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Courses / Cloud Foundations / Module 5 - Pricing & Scaling Models

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Course Overview

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- Module 4 - Cloud Attributes, Managed Services & Deployment Models
- Module 5 - Pricing & Scaling Models**
- Module 6 - Introduction to Virtualization
- Module 7 - Containers vs VMs, PaaS & Services Taxonomy

Module 5 - Pricing & Scaling Models

Debate

Analyze these scenarios -

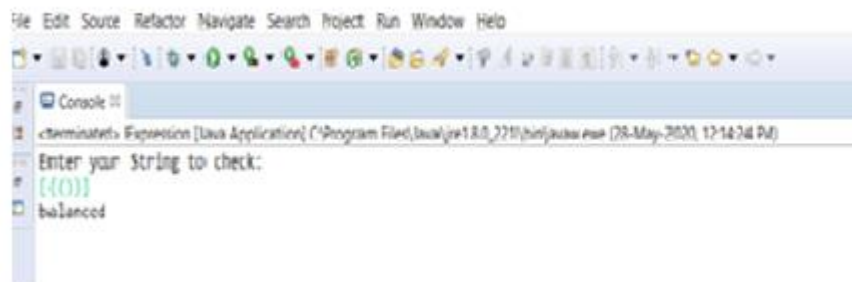
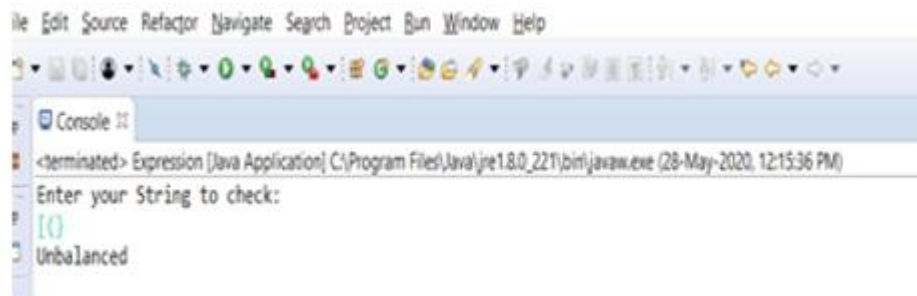
- We pay to the local electricity provider at the end of the month
- We pay the grocery store after shopping
- Our phone bill varies each month
- The vehicle needs fuel depending on the distance it runs
- What are these examples of?

27

Coding Challenge Details

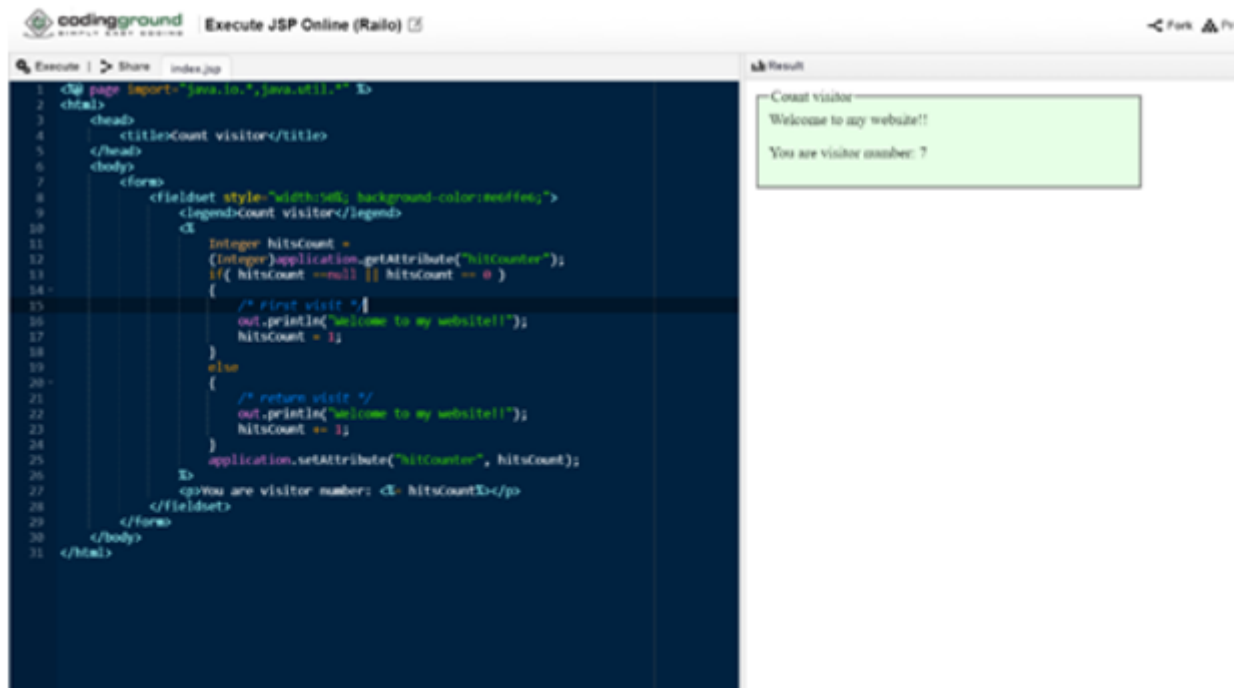
1. Balanced bracket

Java program to balance the bracket.



2.JSP-prog 1

write JSP code to display today's date and time using expression tag



```
1 <!-- page import="java.io.*,java.util.*" -->
2 <html>
3   <head>
4     <title>Count visitor</title>
5   </head>
6   <body>
7     <form>
8       <fieldset style="width:50%; background-color:seefee;">
9         <legend>Count visitor</legend>
10        <div>
11          <!-- first visit -->
12          <!-- first visit -->
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95          <!-- first visit -->
96          <!-- first visit -->
97          <!-- first visit -->
98          <!-- first visit -->
99          <!-- first visit -->
100         </div>
101       </fieldset>
102     </form>
103   </body>
104 </html>
```

Count visitor
Welcome to my website!!
You are visitor number: 7

3.JSP-prog 2

write JSP script to determine how many times the visitor has loaded the page.

Execute | Share | index.jsp

Result

```
1 <% page import="java.io.*,java.util.*" %>
2 <html>
3   <head>
4     <title>Count visitor</title>
5   </head>
6   <body>
7     <form>
8       <fieldset style="width:50%; background-color:#e0ffe0;">
9         <legend>Count visitor</legend>
10        <div>
11          Integer hitsCount =
12            (Integer)application.getAttribute("hitCounter");
13          if( hitsCount ==null || hitsCount == 0 )
14          {
15            /* first visit */
16            out.println("welcome to my website!!");
17            hitsCount = 1;
18          }
19          else
20          {
21            /* return visit */
22            out.println("welcome to my website!!");
23            hitsCount += 1;
24          }
25          application.setAttribute("hitCounter", hitsCount);
26        </div>
27        <p>You are visitor number: <%= hitsCount %></p>
28      </fieldset>
29    </form>
30  </body>
31 </html>
```

Count visitor
Welcome to my website!!
You are visitor number: 1

