

Question 6:

```
<!DOCTYPE html>

<html lang="en" dir="ltr">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">

    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

    <script src="//cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/js/bootstrap.min.js"></script>

    <title>Home</title>

  </head>

  <body>

    <div class="container">

      <h1>1001663569 Revathy, Ramamoorthy</h1>

      <br>

      <p>*****
*****
</p>

      <br>

      <h1><p id="demo"></p></h1>

      <p id="demo1"></p>

      <script>

var today = new Date();

var time = today.getHours() + ":" + today.getMinutes() + ":" + today.getSeconds();
```

```
document.getElementById("demo").innerHTML = time;  
</script>
```

```
<br>
```

```
<div class="container">  
  <h1><div id="counter"></div></h1>  
  <button onclick="res()">Reset counter</button>  
  <script language="JavaScript">  
    let counter = document.getElementById('counter');  
    let count = -1
```

```
var count_event = setInterval(myCounter, 300);
```

```
function res() {  
  count = 0;  
}
```

```
function myCounter() {  
  count += 1;  
  counter.innerHTML = count.toString();  
}
```

```
function myTimer() {  
  var d = new Date();
```

```
time.innerHTML = d.toLocaleTimeString();  
}  
</script>
```

```
</div>
```

```
<script src="//cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
```

```
<script src="//cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/js/bootstrap.min.js"></script>
```

Question 7 :

APACHE-JMETER 5.1.1

Question 8 :

Setting Max instances to 3 in Autoscaling groups:

The screenshot displays the AWS Management Console interface. The left-hand navigation pane shows the 'ELASTIC BLOCK STORE' section expanded, with 'Volumes', 'Snapshots', and 'Lifecycle Manager' listed. The main content area shows the 'Create Auto Scaling group' button and a table of existing Auto Scaling Groups. The table has columns for Name, Launch Configuration, Instances, Desired, Min, Max, Availability Zones, Default Cooldown, and Health. One group is listed: 'awseb-e-dnejd...' with a Launch Configuration of 'awseb-e-dnejdpmz26-s...', 1 instance, 3 desired, 1 min, 3 max, and availability zones 'us-east-2a, us-east-2b, us-east-2c'. Below the table, the details for the selected group are shown, including the Launch Configuration 'awseb-e-dnejdpmz26-stack-AWSEBAutoScalingLaunchConfiguration-' and the Availability Zone(s) 'us-east-2a, us-east-2b, us-east-2c'. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

Changing Scaling up policy:

The screenshot displays the AWS Management Console interface for an Auto Scaling group. The left-hand navigation pane shows the 'Auto Scaling Groups' section selected under the 'AUTO SCALING' category. The main content area shows the configuration for the 'awseb-e-dnejdpmz26-stack-AWSEBAutoScalingScaleUpPolicy-14H5CEEFLNNAK'.

Filter: Filter Auto Scaling groups... (1 to 1 of 1 Auto Scaling Groups)

Name	Launch Configuration	Instances	Desired	Min	Max	Availability Zones	Default Cooldown	Health
awseb-e-dnejd...	awseb-e-dnejdpmz26-s...	1	3	1	3	us-east-2a, us-east-2b, us-e...	360	0

awseb-e-dnejdpmz26-stack-AWSEBAutoScalingScaleUpPolicy-14H5CEEFLNNAK

Policy type: Simple scaling

Execute policy when: awsec2-awseb-e-dnejdpmz26-stack-AWSEBAutoScalingGroup-L7VU67YU795O-High-CPU-Utilization breaches the alarm threshold: CPUUtilization >= 5 for 60 seconds for the metric dimensions AutoScalingGroupName = awseb-e-dnejdpmz26-stack-AWSEBAutoScalingGroup-L7VU67YU795O

Take the action: Add 1 capacity units

And then wait: 5 seconds before allowing another scaling activity

The bottom of the screenshot shows the Windows taskbar with the search bar, taskbar icons, and system tray area displaying the time as 5:06 PM on 4/22/2020.

Sending 5000 requests

The screenshot displays the Apache JMeter 5.1.1 interface. The top menu bar includes File, Edit, Search, Run, Options, Tools, and Help. The toolbar contains various icons for file operations, test execution, and monitoring. The left sidebar shows a project tree with 'Users' > 'Thread Group' > 'AWShomepage' > 'MyResultsTable' selected. The main area is titled 'View Results in Table' and shows a table of test results for 'MyResultsTable'. The table has columns for Sample #, Start Time, Thread Name, Label, Sample Time, Status, Bytes, Sent Bytes, Latency, and Connect Time. The status column shows green checkmarks for all samples, indicating successful requests. The bottom status bar shows the time as 5:07 PM on 4/22/2020.

Sample #	Start Time	Thread Name	Label	Sample Time	Status	Bytes	Sent Bytes	Latency	Connect Time
1	16:59:54.391	Thread Group ...	AWShomepage	82	✓	5157	160	82	38
2	16:59:54.891	Thread Group ...	AWShomepage	81	✓	5157	160	81	37
3	16:59:55.396	Thread Group ...	AWShomepage	84	✓	5157	160	84	39
4	16:59:55.892	Thread Group ...	AWShomepage	84	✓	5157	160	84	37
5	16:59:56.392	Thread Group ...	AWShomepage	83	✓	5157	160	83	41
6	16:59:56.891	Thread Group ...	AWShomepage	83	✓	5157	160	83	38
7	16:59:57.391	Thread Group ...	AWShomepage	79	✓	5157	160	79	37
8	16:59:57.892	Thread Group ...	AWShomepage	78	✓	5157	160	78	37
9	16:59:58.393	Thread Group ...	AWShomepage	77	✓	5157	160	77	37
10	16:59:58.891	Thread Group ...	AWShomepage	75	✓	5157	160	75	36
11	17:01:35.539	Thread Group ...	AWShomepage	391	✓	5157	160	391	230
12	17:01:35.599	Thread Group ...	AWShomepage	432	✓	5157	160	432	322
13	17:01:35.579	Thread Group ...	AWShomepage	452	✓	5157	160	452	342
14	17:01:35.658	Thread Group ...	AWShomepage	373	✓	5157	160	373	264
15	17:01:35.619	Thread Group ...	AWShomepage	413	✓	5157	160	412	302
16	17:01:35.638	Thread Group ...	AWShomepage	394	✓	5157	160	394	283
17	17:01:35.565	Thread Group ...	AWShomepage	467	✓	5157	160	467	366
18	17:01:35.499	Thread Group ...	AWShomepage	533	✓	5157	160	533	421
19	17:01:35.520	Thread Group ...	AWShomepage	512	✓	5157	160	512	400
20	17:01:36.739	Thread Group ...	AWShomepage	294	✓	5157	160	294	188
21	17:01:36.940	Thread Group ...	AWShomepage	193	✓	5157	160	193	90
22	17:01:36.760	Thread Group ...	AWShomepage	273	✓	5157	160	273	167
23	17:01:36.975	Thread Group ...	AWShomepage	160	✓	5167	160	160	60

OUTPUT is in next page

3 instances running for 5000 requests :

The screenshot shows the AWS Management Console for the 'us-east-2' region. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, and Dedicated Hosts. The main content area displays a table of three running EC2 instances, all named 'imageapp-env' and using the 't2.micro' instance type. The instances are distributed across three availability zones: us-east-2b, us-east-2c, and us-east-2a. Each instance has two status checks passed and no alarms.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IP)
imageapp-env	i-03fe233d21730d874	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-188-3-2...
imageapp-env	i-091537d7582113f92	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-14-79-12...
imageapp-env	i-0d2e4812c8fab85fc	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-3-133-128...

The screenshot shows the AWS Management Console for the 'us-east-2' region, specifically the Auto Scaling Groups page. A notification banner at the top encourages users to try the new design for Amazon EC2 Auto Scaling. The main content area displays a table with one Auto Scaling group named 'awseb-e-dnejdpmz26-stack-AWSEBAutoScalingGr...'. The group is configured with 3 instances, a desired count of 3, and is distributed across three availability zones: us-east-2a, us-east-2b, and us-east-2c. The default cooldown is 360 seconds.

Name	Launch Configuration /	Instances	Desired	Min	Max	Availability Zones	Default Cooldown	Health
awseb-e-dnejd...	awseb-e-dnejdpmz26-s...	3	3	1	3	us-east-2a, us-east-2b, us-e...	360	0