Question 7

Step 1 :
Create an EC2 instance in auto scaling group and choose the amazon linux as an AMI.

Step 2 :
Choose the instance type as per your need.

Step 3 :
In configuration instance detail add number of instance and IAM role and in Advance Detail section add the following code :

```
#!/bin/bash
yum update -y
amazon-linux-extras install -y lamp-mariadb10.2-php7.2 php7.2
yum install -y httpd mariadb-server
systemctl start httpd
systemctl enable httpd
usermod -a -G apache ec2-user
chown -R ec2-user:apache /var/www
chmod 2775 /var/www
find /var/www -type d -exec chmod 2775 {} \;
find /var/www -type f -exec chmod 0664 {} \;
echo "<?php phpinfo(); ?>" > /var/www/html/phpinfo.php
```

Step 4:
 Add storage and tags as required.

Step 5 :
Configure security groups by adding HTTP and HTTPS protocol in the rule.

Step 6 :
Finally review and launch the instance.