1. Create VPC
2. Create 2 Private Subnet and 2 Public Subnet
3. Create Internet Gateway and attach to VPC
4. Create nat gatway in public subnet
5. Create Private Route table with route 0.0.0.0/0 -> nat gatway and private subnet association
6. Set default route table as public route table and set route 0.0.0.0/0 -> internet gateway
7. Create IAM role with EC2 instance with full S3 access policy
8. Create SNS topic and add your email address as subscriptions
9. Create EC2 instance in public subnet with user data script of installing apache and mysql, php-mysql
10. Atach IAM role to EC2 instance
11. Create RDS security group which allow web server security group oly
12. Create RDS instance (mysql instance)
13. FOR RDS use new Created VPC and
14. Create Classic load balancer
15. Create ELB-SG security group with port 80 open
16. Health parameter 5 20 2 6
17. Create Hosted Zone and Record Set In Route 53
18. Do the wordpress setting
19. Add the instance the ELB
20. Create the AMI from EC2 instance
21. Create Auto Scaling Lanch configuration
22. Create Auto scaling group
23. Add Scaling policies acc to cpu utilization
24. Add rule to cloudwatch that when instance state changes to stop, it will automatically send email using SNS topics
25. Create OpenVPN server, that will be in public subnet and all other servers will be in private Subnet
26. ELB will in public subnet

Lambda Function:

1. Create lambda fundtion that should trigger using cloudwatch, and will create AMI of EC2 instance and stored to s3 server.
2. Automatically EC2 instance turn off and on using lambda functions
3. Lambda function can be triggered by multiple ways
4. Suppose ec2 instance change from stop to terminate, backing up and moving logs to s3 bucket
5. Suppose we upload file to s3 then lambda function trigger automatically
6. No infrasture to manage , pay what you use, can use diff langages.
7. One request come then lanbda function will spin one container acc it will spin multiple for multiple requests
8. Lambda price changes acc to miliseconds it use
9. 1 million free request 1 million in free teir acc

