Days	Chapter	Topics	Practical
1	Introduction	Introduction & Advantages of Cloud Computing and AWS	Signing up for a free account with AWS
2		Basics Of Networking, Infrastructure of the company	
3	Networking	VPC, Creating Own VPC and Subnets (Pub & Private)	Create VPC, Subnets and Launch EC2
4		Route tables, IGW	Create VPC, Subnets, RT and IGW, then Launch EC2
5	EC2	About EC2	Launch Win and Linux ec2 with access methods
6	Networking	Security Groups, Webserver (Ec2), EIP & NAT Gateway	Launch public and private ec2, SG for Webserver & EIP
7		VPC Peering	Setup VPC peer between Regions
8		Transit Gateway	Setup Transit Gateway between Regions
10	IAM	IAM Console access, MFA	Create IAM user with Console access and add user to group, create custom policy
11		IAM CLI access, Roles and STS	Grant CLI access to user, Create roles for ec2 and STS for users
12	Networking	Route 53 and its benefits	Demonstrate Route53 with ec2 instance
13	ELB	Elastic Load Balancer, CLB	Create CLB with Webserver
14		ALB and NLB	Demonstrate ALB and NLB with Webserver
15	ASG	ASG, Components (AMI, LC, CW, SNS)	Demonstrate ASG with Scale up and down policy
16	Logging & Monitoring Tools	Cloud trail, Trusted Advisor and Systems manager	Demostrate Cloud trail for logs, Systems manager for "Run Command"
17	Storage	Explaination of Storage types (S3, Glacier and EBS)	Demostrate S3 buckets with web hosting, Attach the EBS volumes for ec2
18		EFS and Storage Gateway	Demostrate EFS volume btw ec2 instance
19		CloudFront with ACM	Demonstrate CDN for S3 web hosting with ACM
20	RDS	Database vs RDS	
21		Multi AZ DB, Read replica and write replica	Demonstrate RDS with Multi AZ and Access via Mysql client
22	Lambda	Lambda explaination	Demonstrate one Lambda automation