

```
terminal > terraform
  resource "aws_ecr_repository" "flask" {
    name = "flask-backend"
  }

  resource "aws_ecr_repository" "express" {
    name = "express-frontend"
  }

PROBLEMS OUTPUT TERMINAL FORTS DEBUG CONSOLE
PS F:\\practise\Terraform\git\aws_sts_get-caller-identity
{
  "UserId": "382749986244",
  "Account": "382749986244",
  "Arn": "arn:aws:sts::382749986244:assumed-role"
}

PS F:\\practise\Terraform\git> docker login --username ARN --password-stash 382749986244.dkr.ecr.ap-south-1.amazonaws.com
Password:
PS F:\\practise\Terraform\git> docker login --username ARN --password-stash 382749986244.dkr.ecr.ap-south-1.amazonaws.com
Password:
PS F:\\practise\Terraform\git> aws ecr get-login-password --region ap-south-1
>> docker login --username ARN --password-stash 382749986244.dkr.ecr.ap-south-1.amazonaws.com
>>
Login Succeeded
PS F:\\practise\Terraform\git>
PS F:\\practise\Terraform\git> 
```

Create terraform file to create ecr resource and we also login to aws with temporary password now we initialize and apply it

Repository name	Last updated	Tag immutability	Encryption type
Express-Frontend	January 13, 2023, 18:13:46 UTC (0h,0m)	Mutable	AES-256
Flask-Backend	January 13, 2023, 18:13:46 UTC (0h,0m)	Mutable	AES-256

TWO ECR repository is created now we add docker image in it

```

9 docker login
10 (password use access token in --password or --password)
11
12 docker build -t flask-backend .Backend
13 docker tag flask-backend:latest 302740986244.dkr.ecr.ap-south-1.amazonaws.com/flask-backend:latest
14 docker push 302740986244.dkr.ecr.ap-south-1.amazonaws.com/flask-backend:latest
15
16
17 docker build -t express-frontend ./Frontend
18 docker tag express-frontend:latest 302740986244.dkr.ecr.ap-south-1.amazonaws.com/express-frontend:latest
19 docker push 302740986244.dkr.ecr.ap-south-1.amazonaws.com/express-frontend:latest

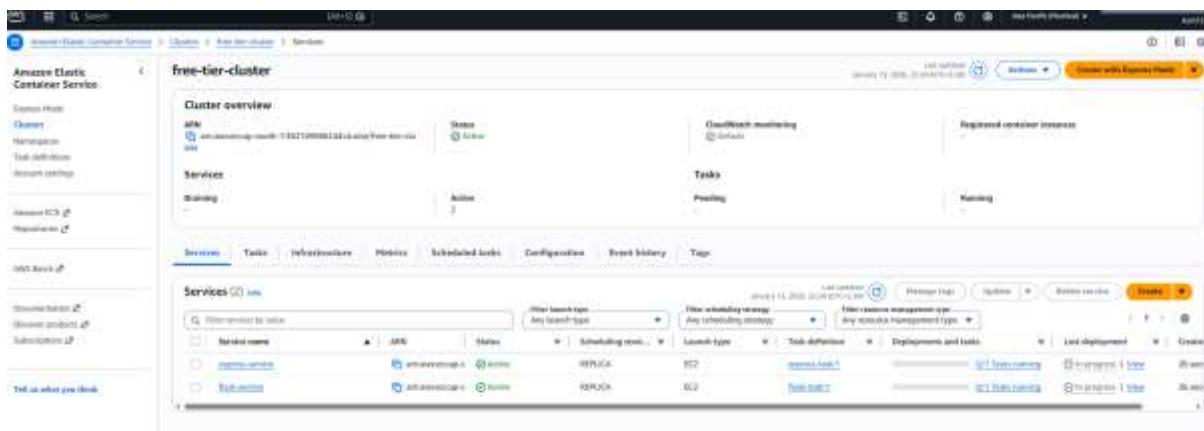
```

Use these command to build imag



Image pushed successfully on ECR

After this create vpc.tf, security.tf, ecs.tf etc. terraform files to build and deploy docker/ecr images on ecs.



Cluster created and service created using image in ecr and it successfully running