AWS Module 5 Task

Sr. No.	Tasks
1.	Deploy a Docker container on Amazon ECS using Fargate. Create an ECS cluster named "unnati-cluster" in the "us-east-1" region. Define a task definition named "unnati-task" with a container named "unnati-container" that uses the "nginx" image. Set up the task to use 0.5 vCPU and 1GB of memory. Create a service named "unnati-service" to run the task definition with desired count set to 2. Verify that the containers are running by accessing the NGINX welcome page.
2.	Create an ECS cluster named "alpha-cluster" in the "us-east-1" region, define a task named "alpha-task" with a container named "alpha-container" using the "httpd" image, allocate 1 vCPU and 2GB memory, set up a service named "alpha-service" to run the task definition with desired count set to 3, and verify that the containers are running by accessing the Apache HTTP Server default page.
3.	Create an ECS cluster named "wordpress-cluster" in the "us-east-1" region. Define a task named "wordpress-task" with two containers: "wordpress-container" using the "wordpress" image for the frontend, and "mysql-container" using the "mysql" image for the backend. Allocate 1 vCPU and 2GB of memory to the "wordpress-container" and 0.5 vCPU and 1GB of memory to the "mysql-container." Create a service named "wordpress-service" to run the task with a desired count of 1. Finally, verify that the WordPress site is accessible by visiting the public IP of the "wordpress-container."