

Title : Working in cloud9 to demonstrate different languages.

Description :

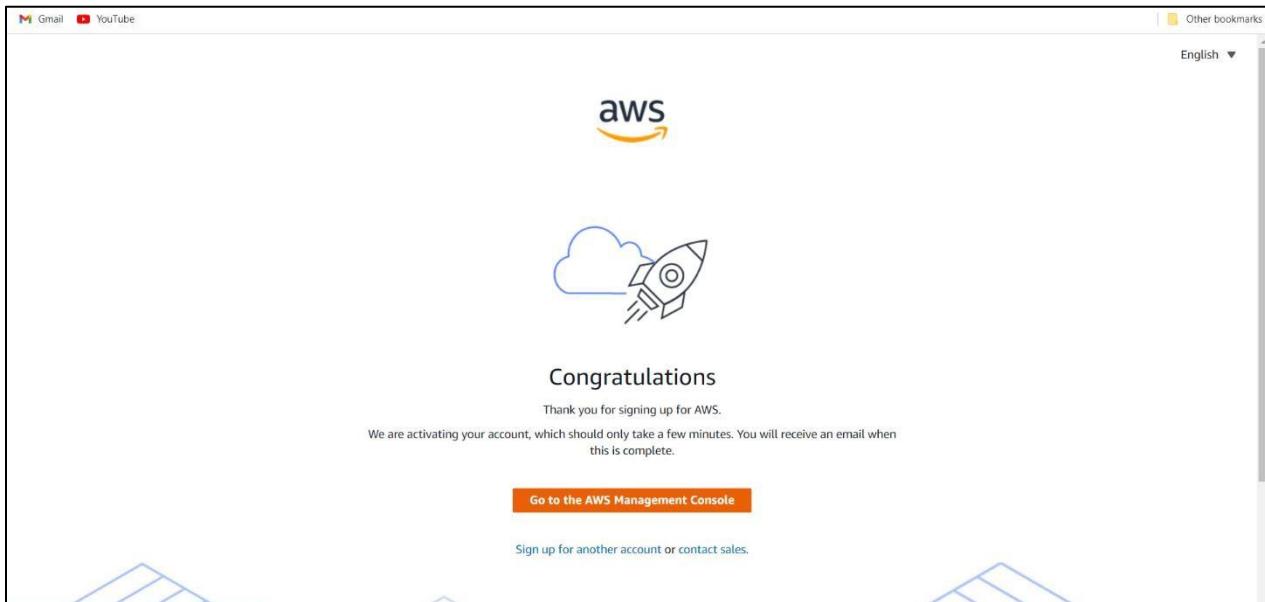
Amazon Cloud Services

- Amazon Web Services, Inc. is a subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-as-you-go basis. These cloud computing web services provide distributed computing processing capacity and software tools via AWS server farms.
- With AWS, you can improve your ability to meet core security and compliance requirements, such as data **locality, protection, and confidentiality** with our comprehensive services and features. AWS allows you to automate manual security tasks so you can shift your focus to scaling and innovating your business.

Steps :

- Open AWS website.
- Create account on the website.
- After creation, click on **Sign in to Console**
- Click on **Cloud9** on Console Home window.
- Then click on create environment.
- Give the name and description of the environment and click on create.
- Now on the editor create program in your desired language and run it.

Images :



A screenshot of the AWS Cloud9 control console. The URL is ap-northeast-1.console.aws.amazon.com/cloud9control/home?region=ap-northeast-1#/environments/4/b1585b8e9f47248d704a4b0fe4ba83. The page shows a success message: "Successfully created Chatla Software solutions. To get the most out of your environment, see Best practices for using AWS Cloud9." The main content area shows the "Chatla Software solutions" environment details. It includes fields for Name (Chatla Software solutions), Description (We provide development of applications using cloud9 for small scale companies), Environment type (EC2 instance), Owner ARN (arn:aws:iam:830959109566:root), Number of members (1), Status (Creating), and Lifecycle status (Creating). There are tabs for EC2 instance, Network settings, and Tags. At the bottom, there are links for ARN, Instance type, Manage EC2 instance, and a footer with copyright information and links for Privacy, Terms, and Cookie preferences.

The screenshot shows the AWS Cloud9 IDE interface. In the top navigation bar, there are links for Gmail and YouTube. The main workspace displays a Java file named Prime.java and a C file named Harshal.c. The Prime.java code is as follows:

```

1 public class Prime
2 {
3     public static void main (String[] args)
4     {
5         int lower = 1, upper = 28;
6         for (int i = lower; i <= upper; i++)
7             if (isPrime (i))
8                 System.out.print (i + "\t");
9     }
10    static boolean isPrime (int n)
11    {
12        int count = 0;
13        if (n < 2)
14            return false;
15        for (int i = 2; i < n; i++)
16        {
17            if (n % i == 0)
18                return false;
19        }
20        return true;
21    }
22 }
23
24 //Harshal Sambhaji Shinde
25 //BE CSE (A-25)

```

The bottom panel shows the terminal output of the Prime.java program, which prints prime numbers from 1 to 28. The output is:

```

Building Prime.java and running Prime
2 3 5 7 11 13 17 19
Process exited with code: 0

```

Websites Visited :

Sr No	Name	URL
1	AWS	https://aws.amazon.com/

Conclusion : In this practical we learned about architecture of AWS and understood process of writing programs in different languages dynamically.