

AIM- To create a Cloud9 Environment.

Theory-Cloud9 IDE is an Online IDE, published as open source from version 2.0, until version 3.0. It supports multiple programming languages, including C, C++, PHP, Ruby, Perl, Python, JavaScript with Node.js, and Go. It is written almost entirely in JavaScript, and uses Node.js on the back-end.

STEPS-

LOG IN TO YOUR AWS ACCOUNT,

SEARCH FOR CLOUD 9 IN THE SEARCH BAR



CLICK ON CREATE ENVIRONMNET,

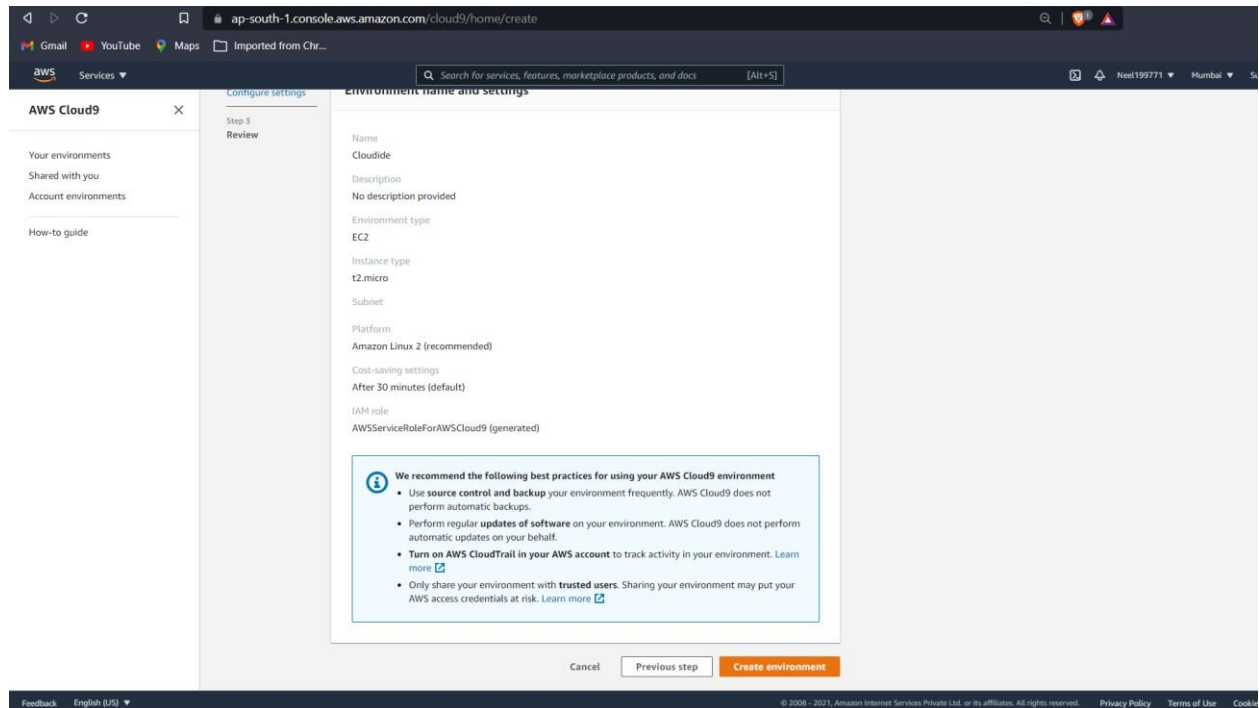
NAME THE ENVIRONMNET

The screenshot shows the AWS Cloud9 console with the 'Name environment' step selected. A warning banner at the top states: 'We do not recommend using your AWS root account to create or work with environments. Use an IAM user instead. This is an AWS security best practice. For more information, see Setting Up to Use AWS Cloud9.' The left sidebar shows 'Your environments', 'Shared with you', 'Account environments', and 'How-to guide'. The main content area is titled 'Name environment' and includes a progress bar with steps: 'Step 1 Name environment', 'Step 2 Configure settings', and 'Step 3 Review'. The 'Environment name and description' section has a 'Name' field with the value 'CloudIDE' and a 'Description' field with the value 'This is for experimental purposes'. Both fields have a character limit of 60. At the bottom right, there are 'Cancel' and 'Next step' buttons.

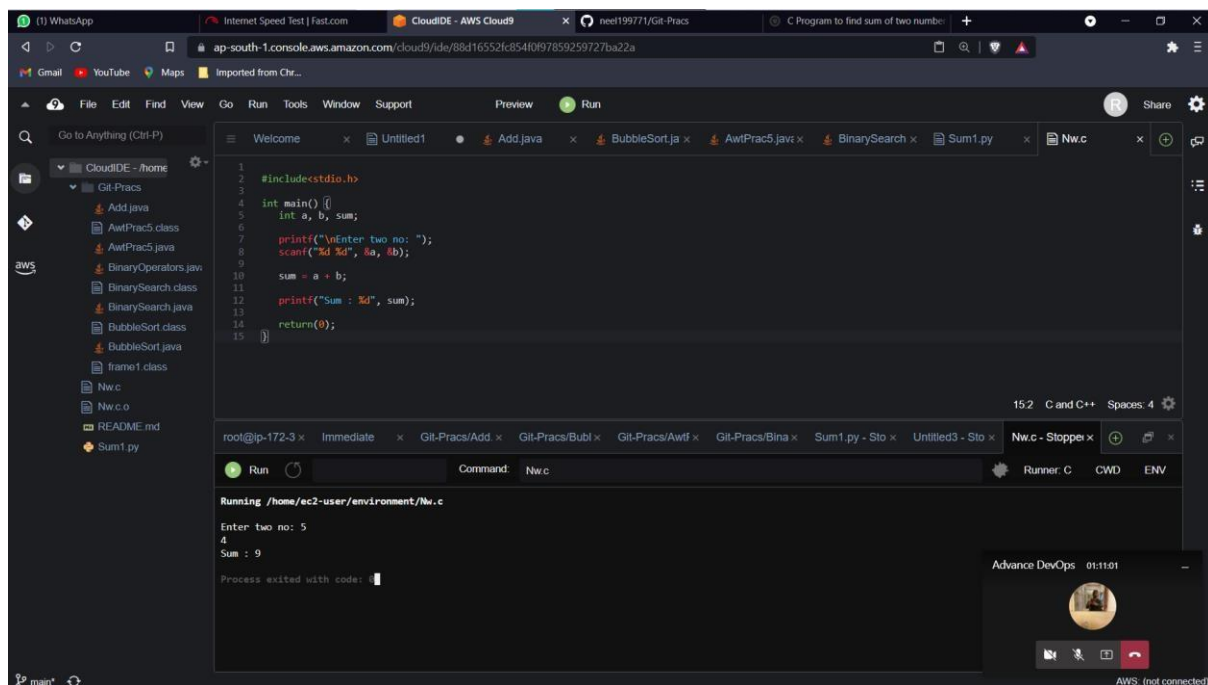
Now click on next step.

The screenshot shows the AWS Cloud9 console with the 'Configure settings' step selected. The same warning banner is present. The left sidebar is identical. The main content area is titled 'Configure settings' and includes a progress bar with steps: 'Step 1 Name environment', 'Step 2 Configure settings', and 'Step 3 Review'. The 'Environment settings' section has several options: 'Environment type' (radio buttons for 'Create a new EC2 instance for environment (direct access)', 'Create a new no-ingress EC2 instance for environment (access via Systems Manager)', and 'Create and run in remote server (SSH connection)'); 'Instance type' (radio buttons for 't2.micro (1 GiB RAM + 1 vCPU)', 't3.small (2 GiB RAM + 2 vCPU)', and 'm5.large (8 GiB RAM + 2 vCPU)', with a dropdown menu showing 't3.nano'); 'Platform' (radio buttons for 'Amazon Linux 2 (recommended)', 'Amazon Linux AMI', and 'Ubuntu Server 18.04 LTS'); 'Cost-saving setting' (a dropdown menu showing 'After 30 minutes (default)'); and 'IAM role' (a dropdown menu showing 'AWSServiceRoleForAWSCloud9'). At the bottom, there is a 'Network settings (advanced)' section with a 'Add new tag' button and a note: 'No tags associated with the resource. You can add 50 more tags.' At the bottom right, there are 'Cancel', 'Previous step', and 'Next step' buttons.

Again, click on Next Step,
Now click on Create Environment.



Now select any coding language and perform any operation via a code. Shown below





ADVANCE DEVOPS LAB -2

CLOUD9

Conclusion – Hence learned and implemented steps to Create an Cloud9 environment.