

SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector v, Nerul, Navimumbai-400706

Name: Arya Angane PRN: 121A3008

Experiment No: 7

Aim: - To setup AWS Cloud9 IDE and run python and java program.

Theory:

AWS Cloud9

A cloud IDE for writing, running, and debugging code

AWS Cloud9 allows you to write, run, and debug your code with just a browser. With AWS Cloud9, you have immediate access to a rich code editor, integrated debugger, and built-in terminal with preconfigured AWS CLI. You can get started in minutes and no longer have to spend the time to install local applications or configure your development machine.

How it works

Create an AWS Cloud9 development environment on a new Amazon EC2 instance or connect it to your own Linux server though SSH. Once you've created an AWS Cloud9 environment, you will have immediate access to a rich code editor, integrated debugger, and built-in terminal with pre-configured AWS CLI – all within your browser.

Using the AWS Cloud9 dashboard, you can create and switch between many different AWS Cloud9 environments, each one containing the custom tools, runtimes, and files for a specific project.



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram

Chandrasekarendra Saraswati Vidyapura Sector v, Nerul, Navimumbai-400706

Benefits and features

Code with just a browser

AWS Cloud9 allows you to write, run, and debug applications with just a browser and without the need to install or maintain a Desktop IDE.

Code together in real time

AWS Cloud9 makes collaborating on code easy. You can share your development environment with your team in just a few clicks and pair program together.

Start new projects quickly

AWS Cloud EC2 environments come pre-packaged with tooling for 40+ programming languages, enabling you to start writing code for popular application stacks within minutes.

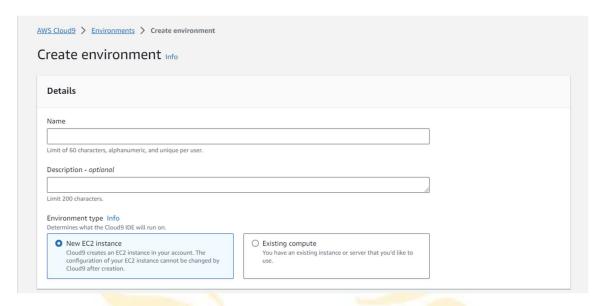
Build serverless applications with ease

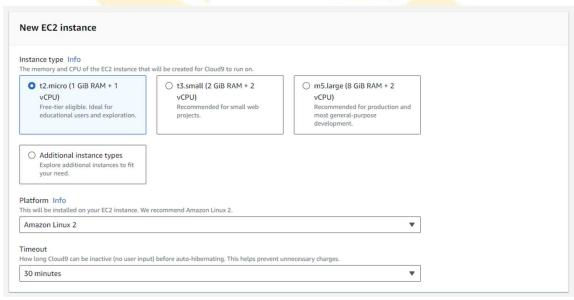
AWS Cloud9 provides a seamless experience for developing serverless applications. It enables you to easily define resources, debug, and switch between local and remote execution of your code.



SIES Graduate School of Technology Sri Chandrasekarendra Saraswati Vidyapuram Sector v, Nerul, Navimumbai-400706

Output:

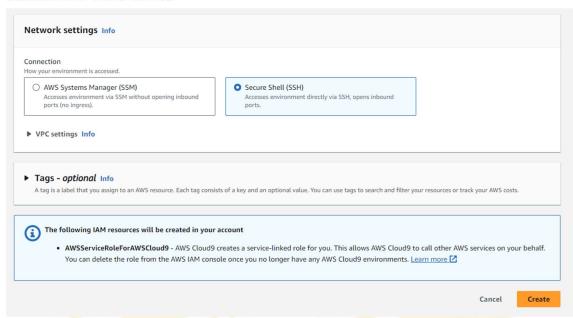


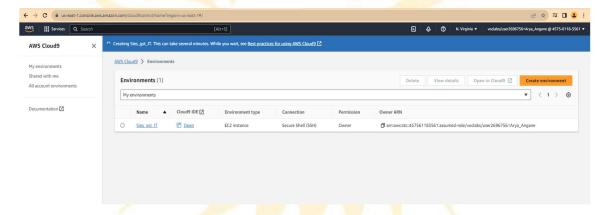


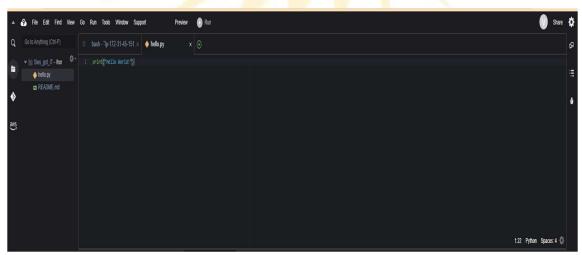


SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector v, Nerul, Navimumbai-400706





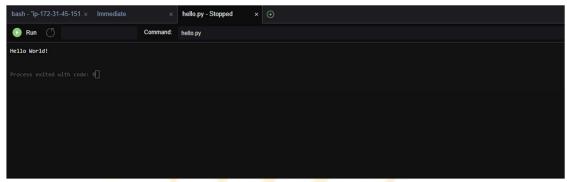


IT DEPARTMENT SIES GST Advanced DevOps LAB



SIES Graduate School of Technology

Sri Chandrasekarendra Saraswati Vidyapuram Sector v, Nerul, Navimumbai-400706





Conclusion:

• Thus we are able to write the programs in different languages in AWS Cloud9 and successfully able to run it.

IT DEPARTMENT SIES GST Advanced DevOps LAB