

CLOUD COMPUTING

Cloud Application Design

S.Thenmozhi

Department of Computer Applications

- Cloud-based integrated development environment (IDE)
- Write, run, and debug code from any machine with just a browser.
- Software and tooling needed for dynamic programming languages including JavaScript, Python, PHP, Ruby, Go, and C++
- Run your Cloud9 development environment on a managed EC2 instance.
- Cloud9 also integrates with AWS CodeStar, providing you the tools you need to successfully deploy applications to AWS.

- Fully featured editor
- Broad Selection to run configurations
- Integrated debugger
- Integrated tools for Serverless development
- Connectivity to varied Ec2 instances
- Built in terminal
- Collaborative panel to work with team
- Themes

- Open Cloud9 dashboard on AWS console
- Create a environment by providing a name
- Configure the environment by selecting the environment type for Ec2 instance
- Select the instance type
- Select the platform (Amazon Linux/Linux2, Ubuntu)
- Click create – a default environment is created
- You can write the code of any programming language
- Save the file with proper extension and run

- You can also select different run with and select with different versions or modes of executing
- If it is a web application, you can preview as web app
- You can create new run configurations as required with the settings that you have created
- Your created configurations can also be used for any of the application you create in the environment



THANK YOU

S. Thenmozhi

Department of Computer Applications

thenmozhis@pes.edu

+91 80 6666 3333 Extn 393