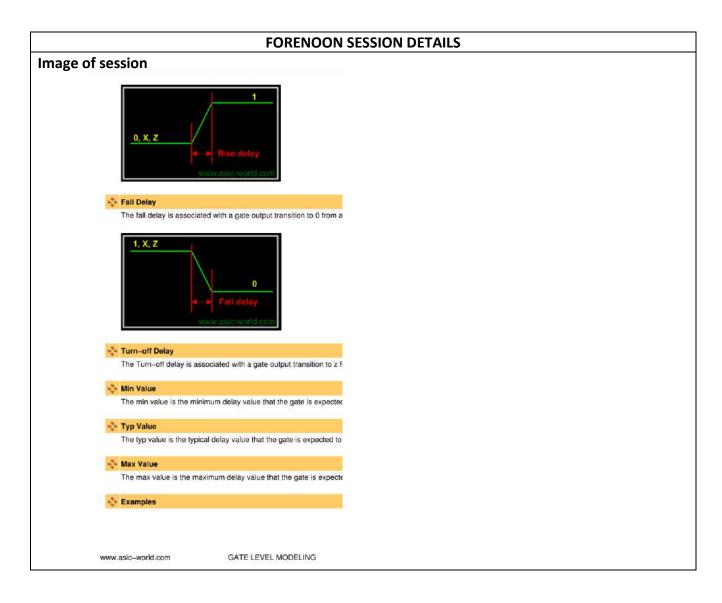
DAILY ASSESSMENT FORMAT

Date:	05/06/2020	Name:	Lavanya B
Course:	Verilog HDL	USN:	4al17ec043
Topic:	Verilog	Semester	6th A
	Building project using FPGA	& Section:	
Github	Lavanya-B		
Repository:			



FPGA Projects

This page presents FPGA projects on fpga4student.com. The first FPGA project helps students understand the basics of FPGAs and how Verilog/ VHDL works on FPGA.



Some of the FPGA projects can be FPGA tutorials such as What is FPGA Programming, image processing on FPGA, matrix multiplication on FPGA Xilinx using Core Generator, Verilog vs VHDL: Explain by Examples and how to load text files or images into FPGA. Many others FPGA projects provide students with full Verilog/ VHDL source code to practice and run on FPGA boards. Some of them can be used for another bigger FPGA projects.

Following are the FPGA projects on

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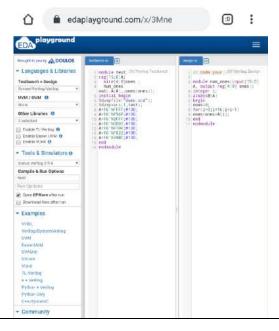
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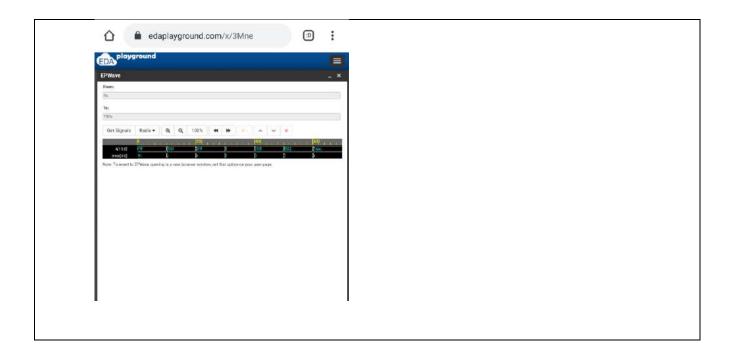
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Suiting project using FPCA

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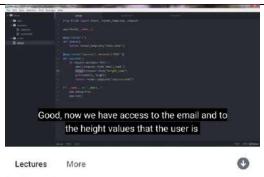
Date: 05/06/2020 Name: Lavanya B
Course: Python USN: 4al17ec043

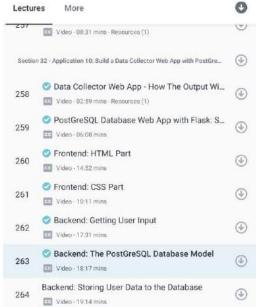
Topic: Application 10 Semester 6th A

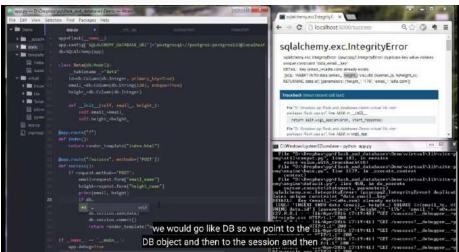
& Section:

AFTERNOON SESSION DETAILS

Image of session







Application 10: Build a data collector web application with post GRESQL and flask

Flask start up and configuration

Most widely used Python libraries, the Flask package is installable from the Python Package

Index (PPI). First create a directory to work in (something like flask_ to do is a fine directory name)

then install the flask package. You'll also want to install flask- so your Flask application has a simple way to talk to a SQL data base. A good way to get moving is to turn the codebase into an installable Python distribution.

At the project's root, create setup.py and a directory called to do to hold the source code.

The setup.py should look something like this: requires =['flask', 'flask-sqlal chemy', 'psycopg2',]

setup(name='flask todo', version='0.0', description='A)

To-Do List built with Flask', author='<Your actual name here>', author_email='<Your actual e-mail address here>', keywords='web flask', packages=find_packages(), include_package_data=True, install_requires=requires

This way, whenever you want to install or deploy your project, you'll have all the necessary packages in the requires list. You'll also have everything you need to set up and install the package in site packages.

For more information on how to write an installable Python distribution, check out the docs on setup.py.

Within the to do directory containing your source code, create an app.py file and a blank __init__.py file.

The __init__.py file allows you to import from to do as if it were an installed package. The app.py file will be the application's root. This is where all the Flask application goodness will go, and you'll create an environment variable that points to that file. If you're using pipenv (like I am), you can locate your virtual environment with pipenv --venv and set up that environment variable in your environment's activate script.