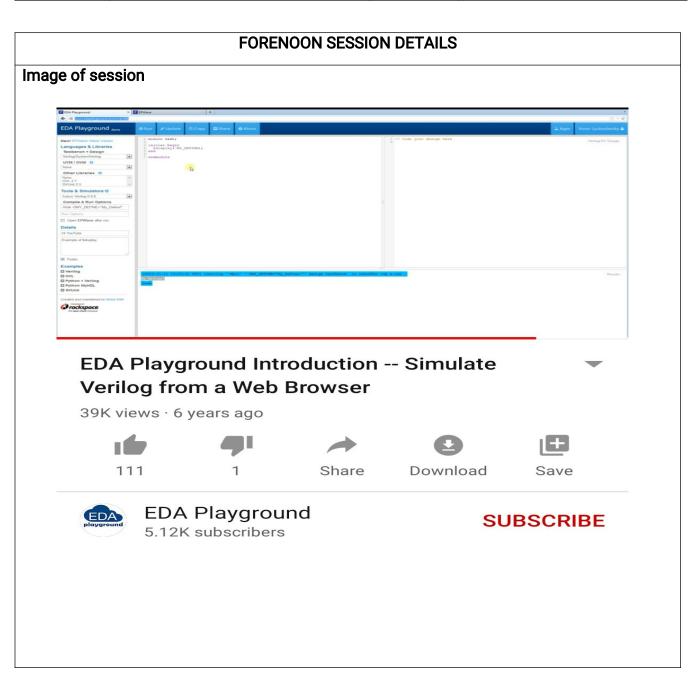
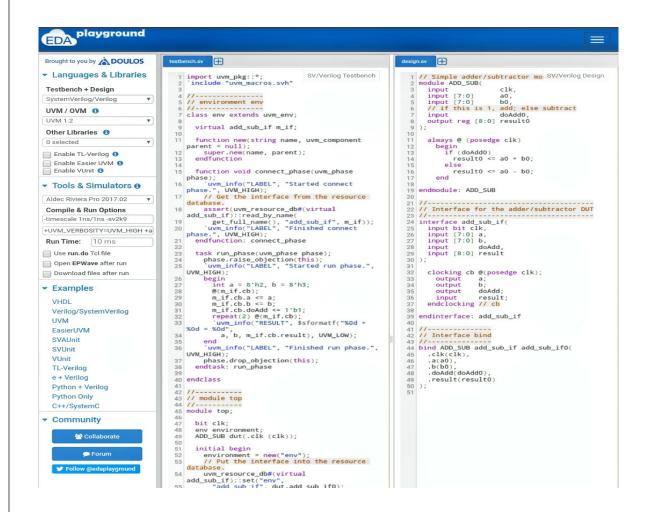
DAILY ASSESSMENT FORMAT

Date:	03-06-2020	Name:	Abhishek
Course:	DIGITAL DESIGN USING HDL	USN:	4al17ec001
Topic:	EDA Playground Online complierTask	Semester & Section:	6 & 'A'
Github Repository:	Abhishek-online-courses		



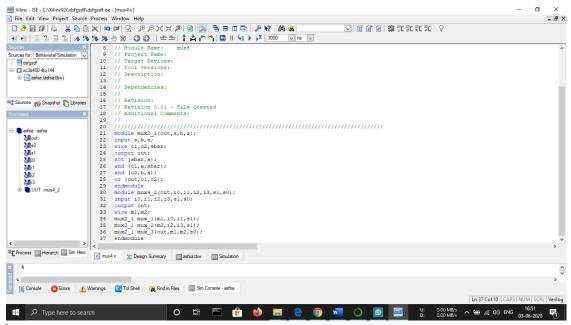
Report - Report can be typed or hand written for up to two pag

EDA Playground Online complier:

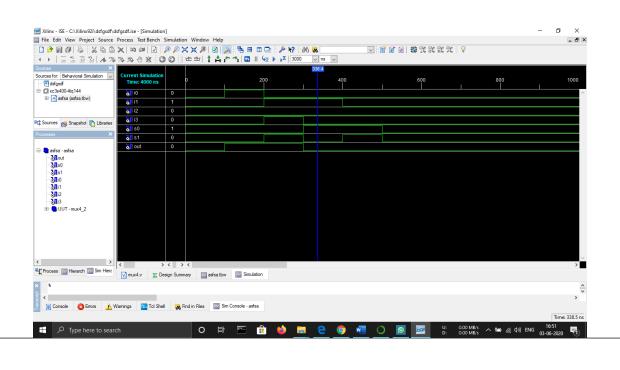


Task: Implement 4 to 1 MUX using two 2 to 1 MUX using structural modelling style and test the module in online/offline compiler.

Verilog code:



Output:



Date: 03-06-2020 Name: Abhishek

Course: The Python Mega USN: 4al17ec001

Course: Build 10 Real World Applications

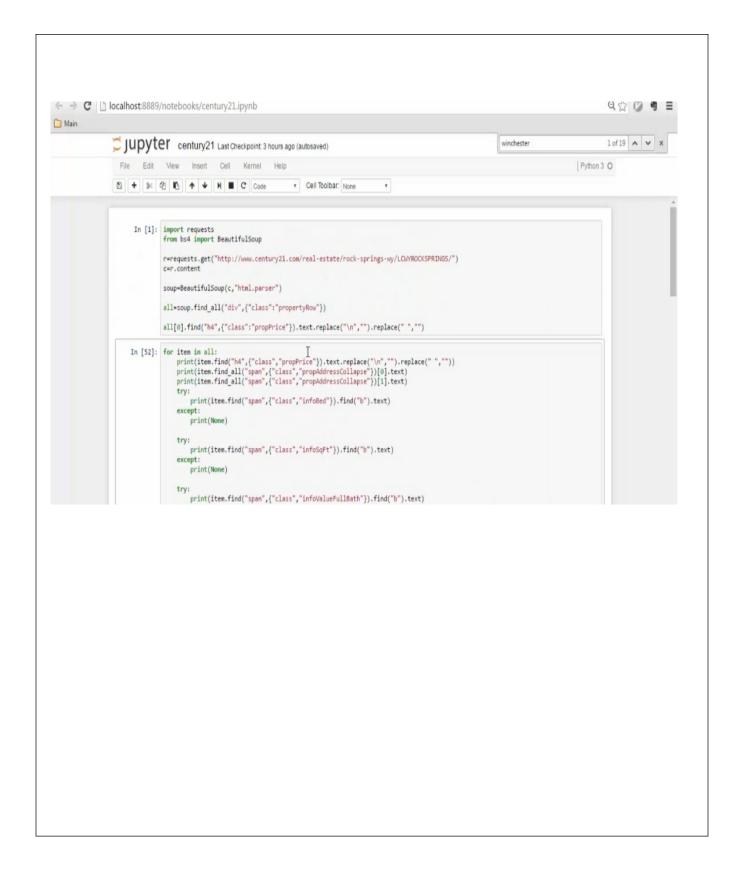
Topic: 1] Web scraping with Semester & Section: 6 & 'A'

Python Beautiful Soup

2] Application 7: Scrape Real Estate Property Data

from the Web





Report .

Web scraping with Python Beautiful Soup

- Introduction to web scraping using BeautifulSoup from bs4 library and requests module.
- BeautifulSoup is a Python library for pulling data out of HTML and XML files. It works
 with your favorite parser to provide idiomatic ways of navigating, searching, and
 modifying the parse tree. It commonly saves programmers hours or days of work.
- The requests module allows you to send HTTP requests using Python. The HTTP request returns a Response Object with all the response data (content, encoding, status, etc.).
- Web scraping is a term used to describe the use of a program or algorithm to extract and process large amounts of data from the web. Whether you are a data scientist, engineer, or anybody who analyzes large amounts of datasets, the ability to scrape data from the web is a useful skill to have. Let's say you find data from the web, and there is no direct way to download it, web scraping using Python is a skill you can use to extract the data into a useful form that can be imported.

Application 7: Scrape Real Estate Property Data from the Web

- Python program to extract details of plots from century21 website and store the details in a csv file using pandas library.
- Some of the functions used under BeautifulSoup of bs4 library:
- The **find_all ()** method scans the entire document looking for results, but sometimes you only want to find one result. If you know a document only has one <body> tag,it's a waste of time to scan the entire document looking for more. Rather than passing in limit = 1 every time you call find_all, you can use the **find ()** method.
- The **prettify ()** method will turn a Beautiful Soup parse tree into a nicely formatted Unicode string, with a separate line for each tag and each string.
- To extract text from the body tag .text method is used.

