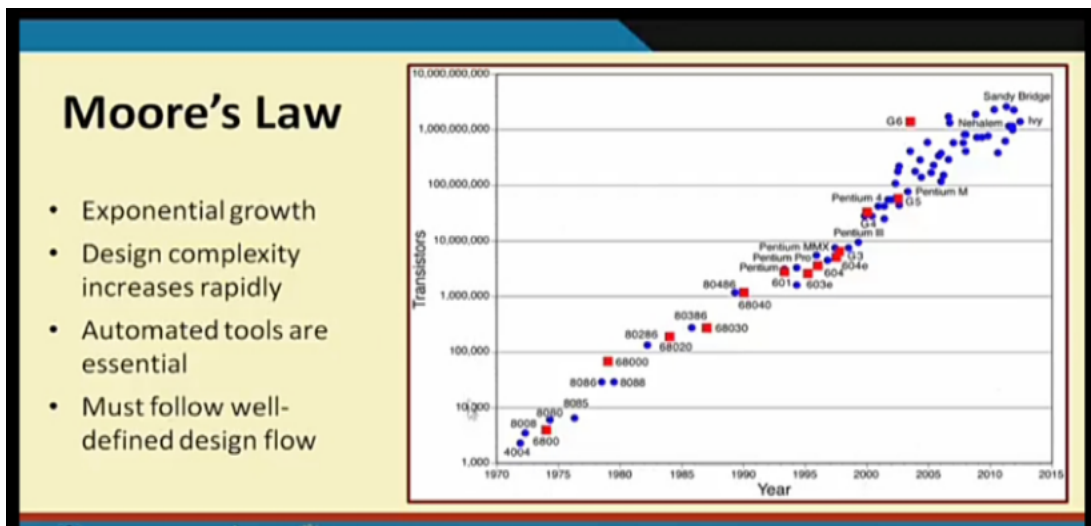


DAILY ASSESSMENT FORMAT

Date:	04/06/2020	Name:	Nichenametla Bhargavi
Course:	DIGITAL DESIGN USING HDL	USN:	4AL17EC061
Topic:	1. Hardware modelling using verilog 2. FPGA and ASIC Interview questions	Semester & Section:	6th Sem A sec
Github Repository:	Bhargavi_Nichenametla		

FORENOON SESSION DETAILS

Image of session



Report – Report can be typed or hand written for up to two pages

VLSI DESIGN FLOW:

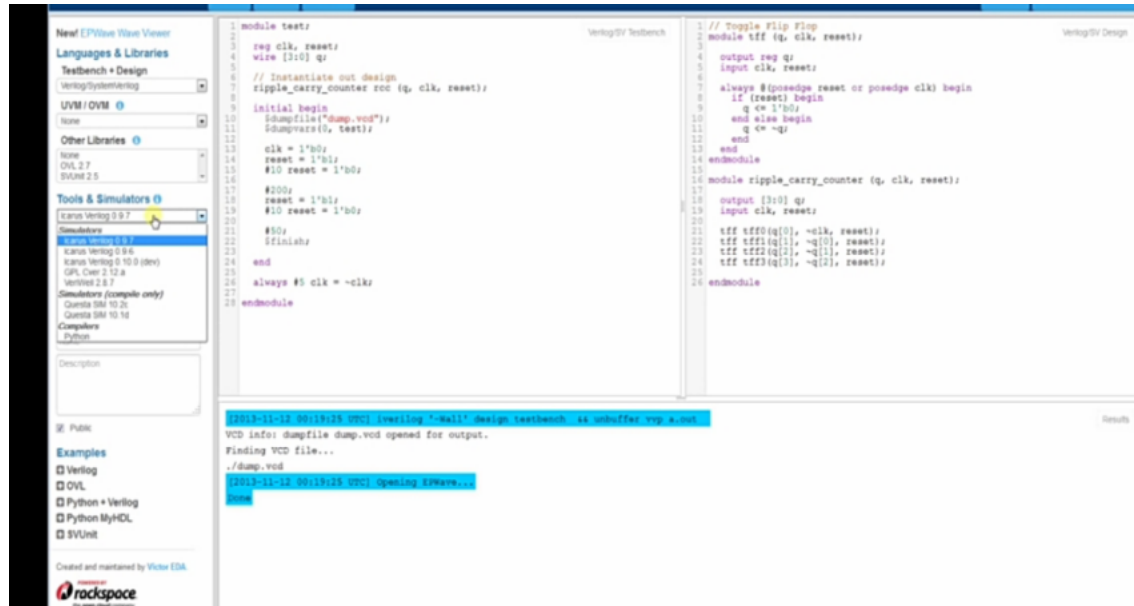
1. Standardized design Procedure.
2. Starting from the design idea down to the actual implementation.
3. Encompasses many steps:
 - Specification
 - Synthesis
 - Simulation
 - Layout
 - Testability Analysis

VLSI DESIGN PROCESS:

1. Design Complexity increasing rapidly:
 - Increased size and complexity
 - Fabrication Technology improving
 - CAD tools are essential
 - Conflicting requirements like area, speed and energy consumption.
2. The present trend:
 - Standardize the design flow
 - Emphasis on low power design, and increased performance.

Task:

Implement a simple T Flipflop and test the module using a compiler.



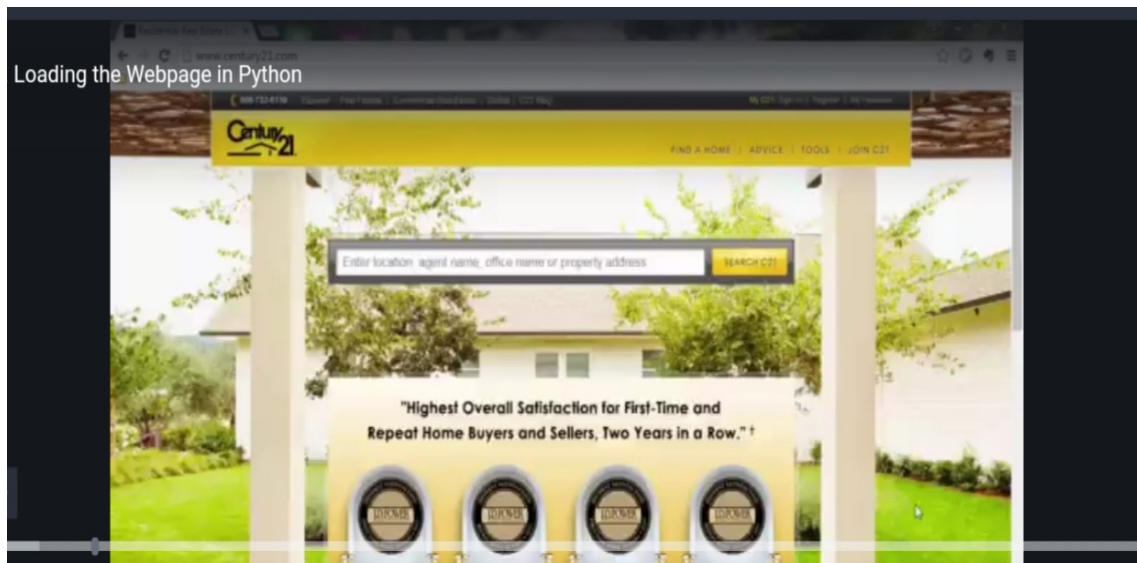
OUTPUT:



Date:	04/06/2020	Name:	Nichenametla Bhargavi
Course:	Python	USN:	4AL17EC061
Topic:	Application 8: Scrape Real Estate Property Data from the Web	Semester & Section:	6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session



Udemy | The Python Mega Course: Build 10 Real World Applications

Share

localhost:8888/notebooks/century21.ipynb

jupyter century21 Last Checkpoint: 03/06/2016 (autosaved)

File Edit View Insert Cell Kernel Help Python 3

In [20]: df

Out[20]:

	Address	Area	Beds	Full Baths	Half Baths	Locality	Lot Size	Price
0	0 Gateway	None	None	None	None	Rock Springs, WY 82901	NaN	\$725,000
1	1003 Winchester Blvd.	None	4	4	None	Rock Springs, WY 82901	0.21 Acres	\$452,900
2	3239 Spearhead Way	3,076	4	3	1	Rock Springs, WY 82901	Under 1/2 Acre	\$379,900
3	600 Talladega	3,154	5	3	None	Rock Springs, WY 82901	NaN	\$379,000
4	3457 Bristol Avenue	3,236	5	3	None	Rock Springs, WY 82901	0.34 Acres	\$349,900
5	234 Via Spoleto	2,688	4	3	None	Rock Springs, WY 82901	Under 1/2 Acre	\$330,000
6	2425 Cripple Creek	8,263	4	35	None	Rock Springs, WY 82901	NaN	\$279,900
7	522 Emerald Street	1,172	3	3	None	Rock Springs, WY 82901	Under 1/2 Acre	\$254,000
8	1302 Veteran's Drive	1,932	4	2	None	Rock Springs, WY 82901	0.27 Acres	\$252,900
9	343 Via Rocco	None	3	2	1	Rock Springs, WY 82901	0.16 Acres	\$219,900
10	913 Madison Dr	1,344	3	2	None	Rock Springs, WY 82901	Under 1/2 Acre	\$209,000

In [21]: df.to_csv("Output.csv")

In []:

Application 8: Scrape Real Estate Property Data from the Web:

2. Loading the Web page in Python.

4. Extracting Addresses and Property Details.

6. Saving the Extracted Data in CSV Files.

8. Web scraping is used to collect a large set of data.

10. Web scraping is used to collect data from Social Media websites.

12. Details regarding job openings, interviews are collected from different websites.

[illegible]

Date:	04/06/2020	Name:	Nichenametla Bhargavi
Course:	Lecture on Electrical Engineering	USN:	4AL17EC061
Topic:	By Prof: Aniruddhan, IIT Madras	Semester & Section:	6th Sem A sec

Image of the session:

NPTEL SPECIAL LECTURE SERIES

Why choose EE?

- Any parents listening: let your child choose for himself or herself, based on advice from yourself and others
- Choose UG engineering discipline primarily based on interest and aptitude
 - Different EE areas overlap to different extents with Mathematics, Physics and Chemistry and Biology
- Do not depend only on Media for information about research and job opportunities in a particular area

See <https://jeemain.nta.nic.in/webinfo/public/home.aspx> for more information on JEE exam for UG in engineering

S. Aniruddhan Sponsored by NPTEL What is Electrical Engineering?