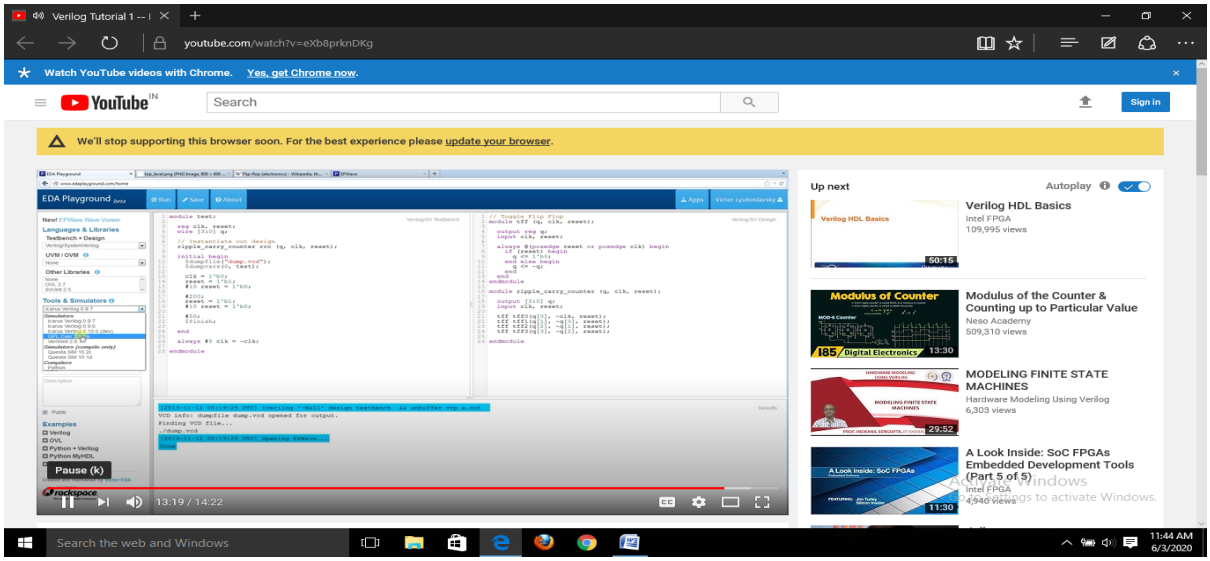
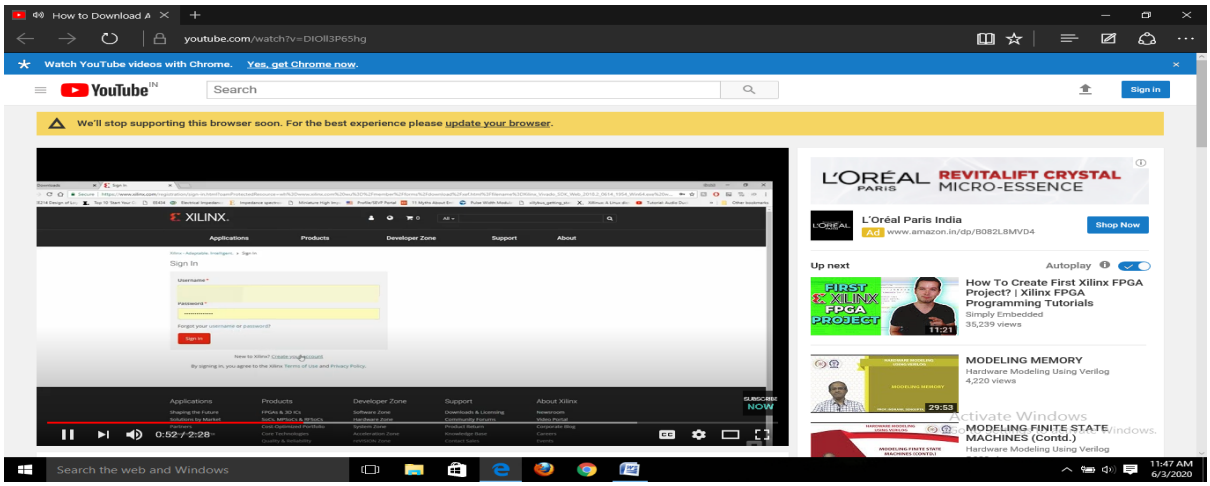
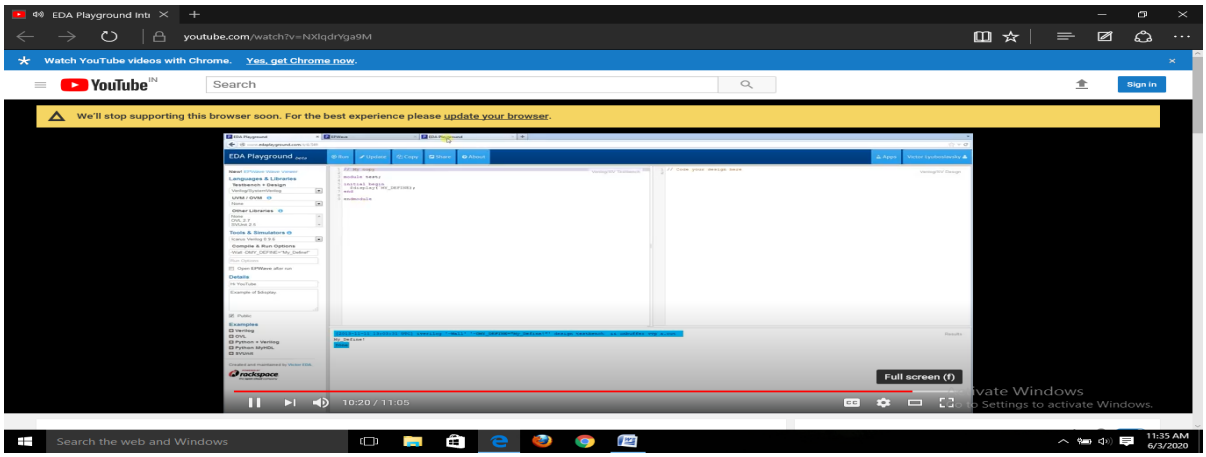
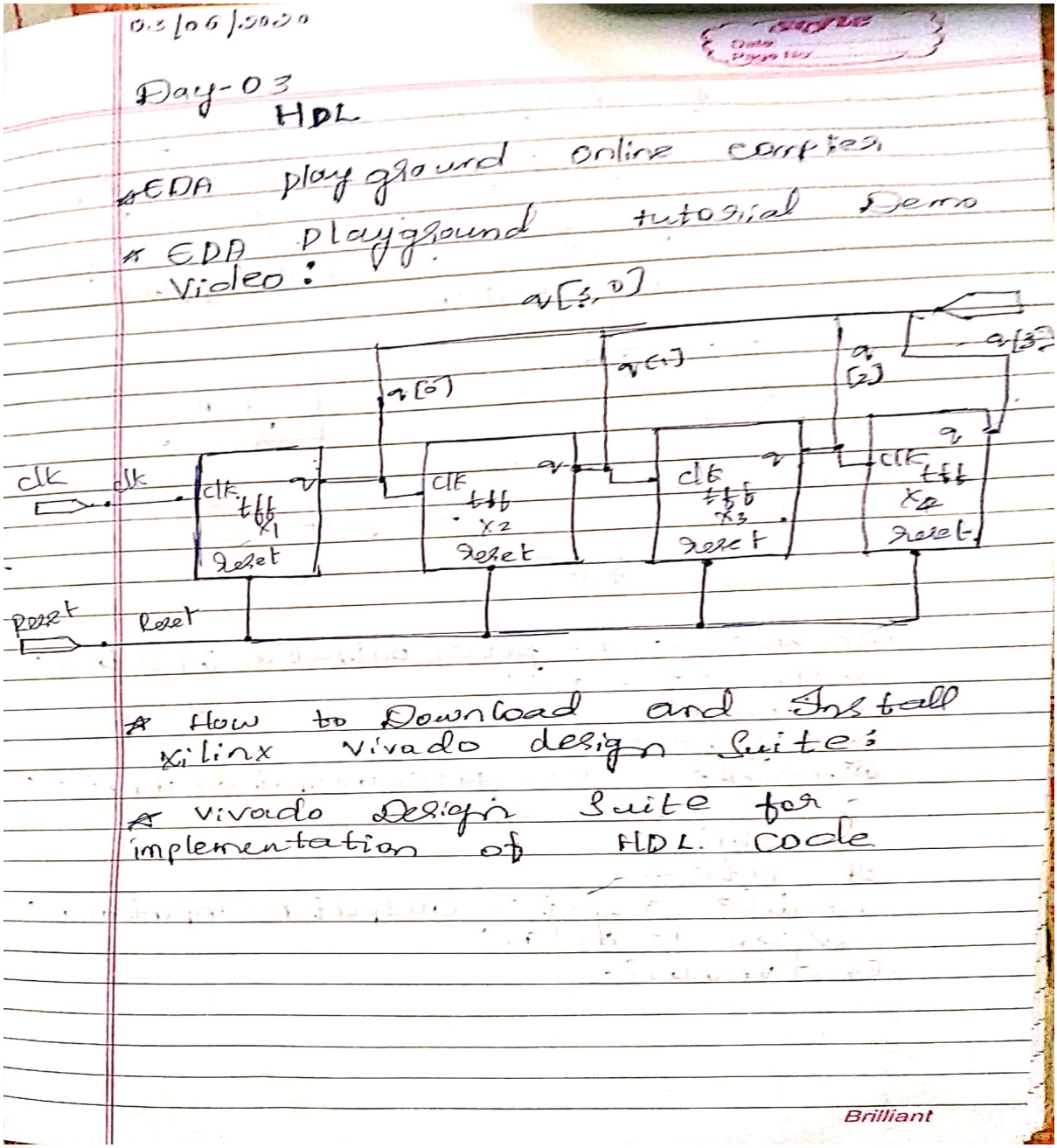
Date:	03-06-2020	Name:	Yamunashree N
Course:	HDL	USN:	4AL17EC097
Topic:	EDA Playground Online complier, EDA Playground Tutorial Demo Video, How to Download And Install Xilinx Vivado Design Suite, Vivado Design Suite for implementation of HDL code & Task Day-3: Implement 4 to 1 MUX using two 2 to 1 MUX using structural modelling style and test the module in online/offline compiler.	Semester and section	6th sem 'B' section
Github repository:	yamunashree-course		







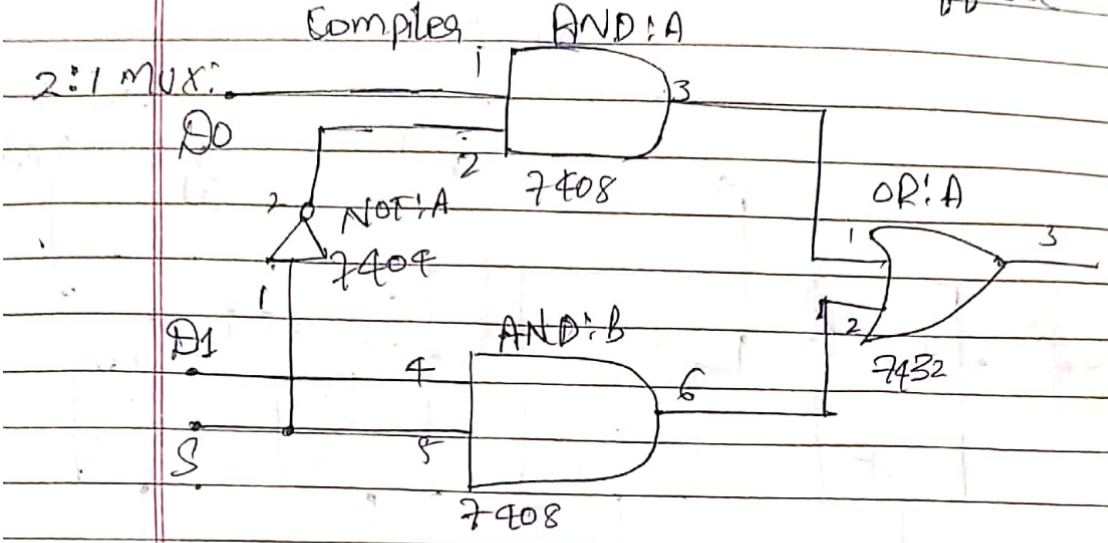


How to Download and Install Xilinx Vivado design Suite:

Vivado Design Suite for implementation of HDL code

Tasks for Day-3

Implement 4 to 1 mux using two 2 to 1 mux using structural modelling style and test the module in online [off line Compiler

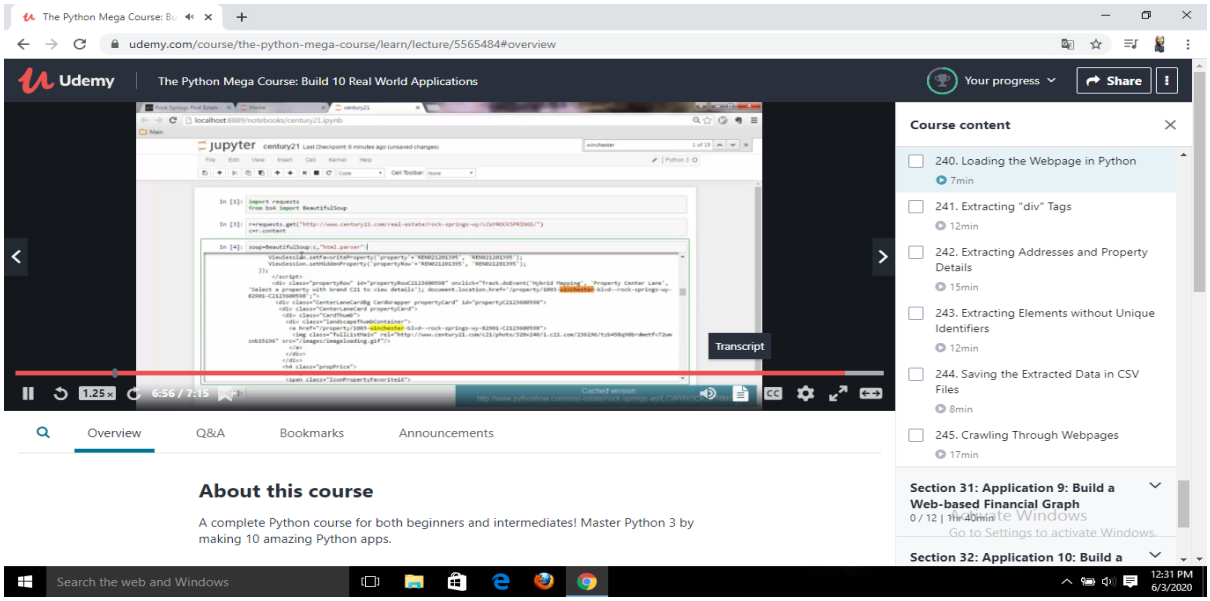



```
module and-gate(output a, input b, c);
assign a = b & c;
end module
NOT gate ⇒
module not-gate(output d, input e);
assign d = ~ e;
endmodule
OR gate ⇒
module orgate(output f, input m, n);
assign f = m | n;
end module
```

4:1 MUX :

```
module and_gate(output a, input b, c, d);
assign a = b & c & d;
endmodule
NOT gate =>
module not_gate(output f, input e);
assign e = ~f;
endmodule
OR_gate =>
module or_gate(output 1, input m, n, o, p);
assign 1 = m | n | o | p;
endmodule
```

Date:	03-06-2020	Name:	Yamunashree N
Course:	Python programming	USN:	4AL17EC097
Topic:	Application 8: scrape real estate property data from the web.	Semester and section:	6th sem and B sec



Request Headers

Press Esc to exit full screen

Note

Whenever I use this code in the next videos:

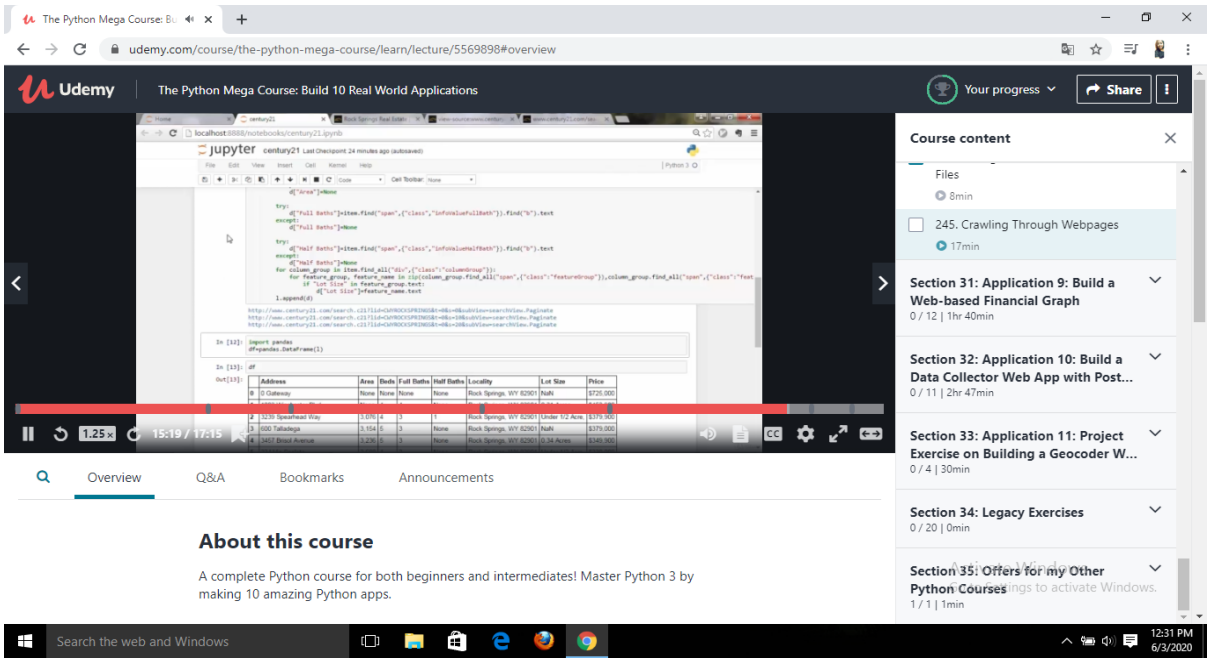
r = requests.get("http://www.pythonhow.com/real-estate/rock-springs-wy/LCWYROCKSPRINGS/")

please use this instead:

r = requests.get("http://www.**pyclass**.com/real-estate/rock-springs-wy/LCWYROCKSPRINGS/", **headers={'User-agent': 'Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:61.0) Gecko/20100101 Firefox/61.0'}**)

The rest of the code stays the same.

So, we're just changing the domain name from *pythonhow* to *pyclass* and we're adding a *header* argument. Some webpages don't like scripts sometimes, so adding a header allows the script to impersonate a web browser.



03/06/2020

Day - 15

Application 7: Scrape Real estate property Data from the web

- Scraped website Data - How the Output will look like
- Request Headers
- Loading the webpage in Python
- Extracting "div" tags
- Extracting Address and property Details
- Extracting Elements without unique identifiers
- Saving the extracted Data in CSV files
- Crawling through webpages