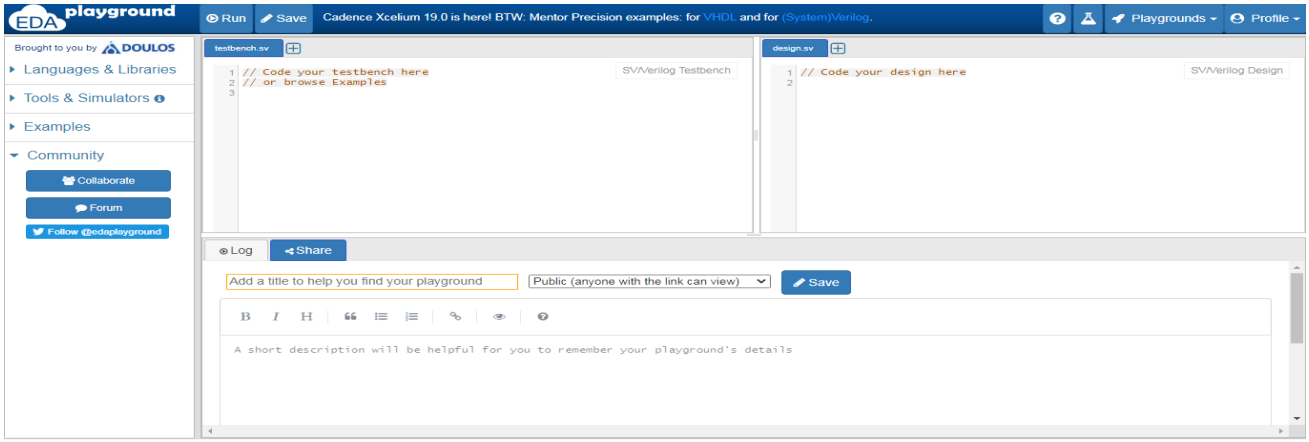
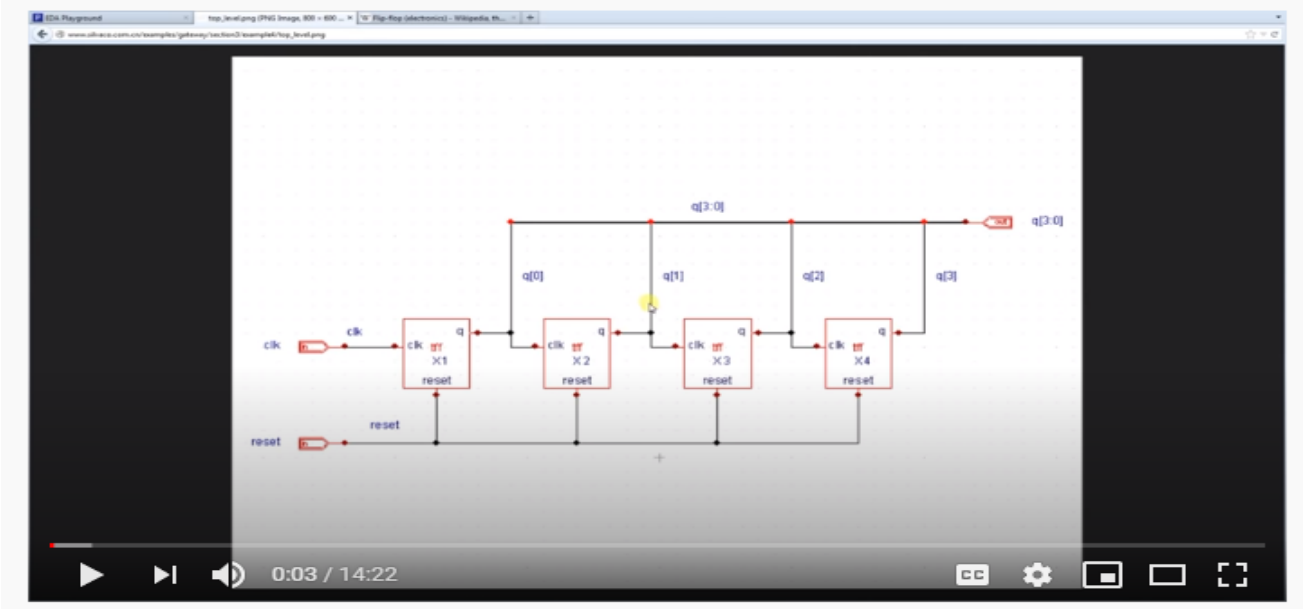
DAILY ASSESSMENT FORMAT

Date:	3/06/2020	Name:	Akshatha M Deshpande
Course:	DIGITAL DESIGN USING HDL	USN:	4AL17EC006
Topic:	EDA Playground Tutorial Demo Video ,.How to Download And Install Xilinx Viva do Design Suite ,Viva do Design Suite for implementation of HDLcode	Semester & Section:	6th Sem A sec
Github Repository:	AkshathaDeshpande		

FORENOON SESSION DETAILS

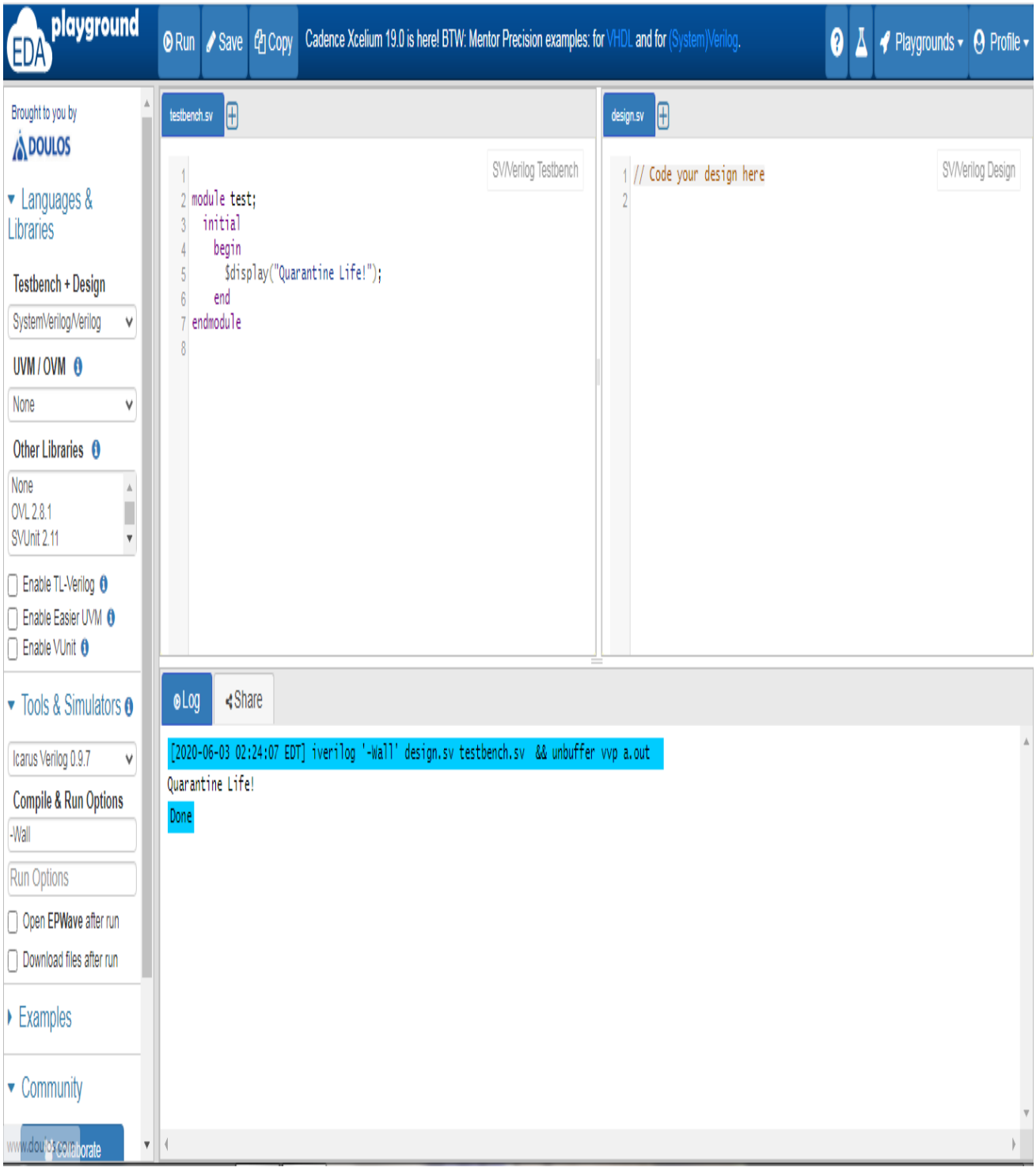
Image of session





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

Sample of EDA:



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

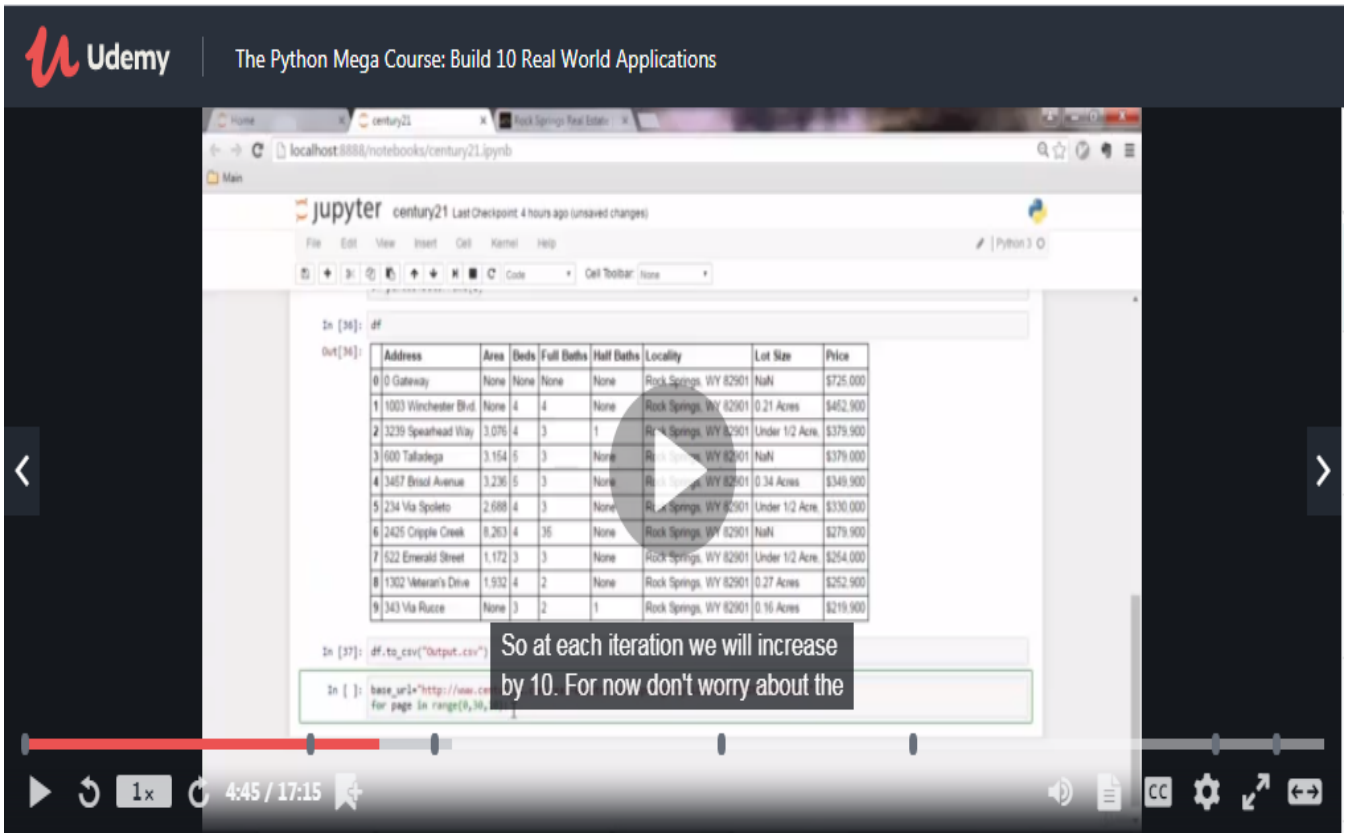
```
library IEEE;
use IEEE.STD_LOGIC_1164.ALL;
entity mux2_1 is
port(A,B : in STD_LOGIC;
S: in STD_LOGIC;
Z: out STD_LOGIC);
end mux2_1;
architecture Behavioral of mux2_1 is
begin
process (A,B,S) is
begin
if (S ='0') then
Z <= A;
else
Z <= B;
end if;
end process;
end Behavioral;
library IEEE;
use IEEE.STD_LOGIC_1164.ALL;
entity mux4_1 is
port(
A,B,C,D : in STD_LOGIC;
```

```
S0,S1: in STD_LOGIC;
Z: out STD_LOGIC);
end mux4_1;
architecture Behavioral of mux4_1 is
component mux2_1
port( A,B : in STD_LOGIC;
S: in STD_LOGIC;
Z: out STD_LOGIC);
end component;
signal temp1, temp2: std_logic;
begin
m1: mux2_1 port map(A,B,S0,temp1);
m2: mux2_1 port map(C,D,S0,temp2);
m3: mux2_1 port map(temp1,temp2,S1,Z);
end Behavioral;
```

Date:	3/06/2020	Name:	Akshatha M Deshpande
Course:	Python	USN:	4AL17EC006
Topic:	Application 7: Scrape Real Estate Property Data from the Web	Semester & Section:	6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session



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Application 7: Scrape Real Estate Property Data from the Web:

- Scraped Website Data - How The Output Will Look Like
- Loading the Web page in Python
- Extracting "div" Tags
- Extracting Addresses and Property Details
- Extracting Elements without Unique Identifiers
- Saving the Extracted Data in CSV Files
- Crawling through web pages
- use web scraping to collect email ID
- Web scraping is used to collect a large set of data
- Email address gathering
- Web scraping is used to collect data from Social Media websites
- Services such as ParseHub use web scraping to collect data from online shopping
- Details regarding job openings, interviews are collected from different websites