# DAILY ASSESSMENT REPORT

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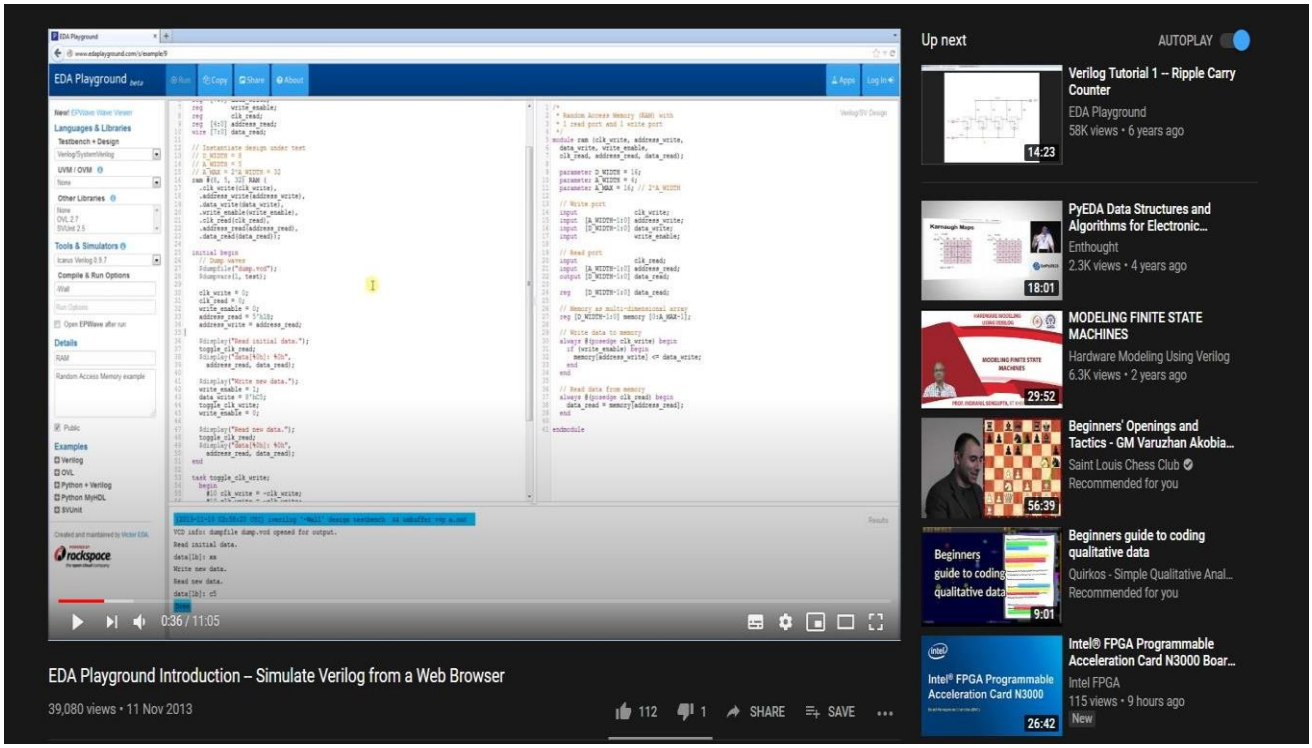
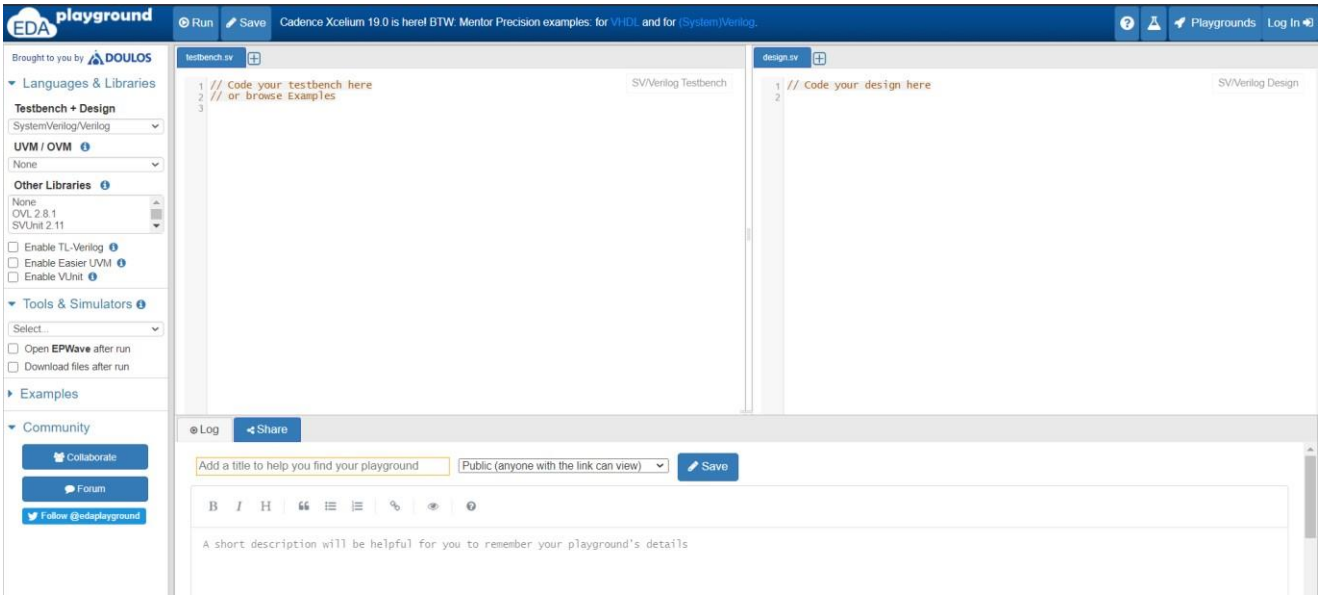
|---|---|---|---|
| **Date:** | **03 June 2020** | **Name:** | **PAVITHRAN S** |
| **Course:** | **DIGITAL DESIGN USING HDL** | **USN:** | **4AL17EC068** |
| **Topic:** | • **EDA Playground Online complier**<br>• **EDA Playground Tutorial Demo Video**<br>• **How to Download And Install Xilinx Vivado Design Suite**<br>• **Vivado Design Suite for implementation of HDL code** | **Semester & Section:** | **6th B** |
| **Github Repository:** | **Pavithran** | | |

| **FORENOON SESSION DETAILS** |
|---|
| **Image of session** |

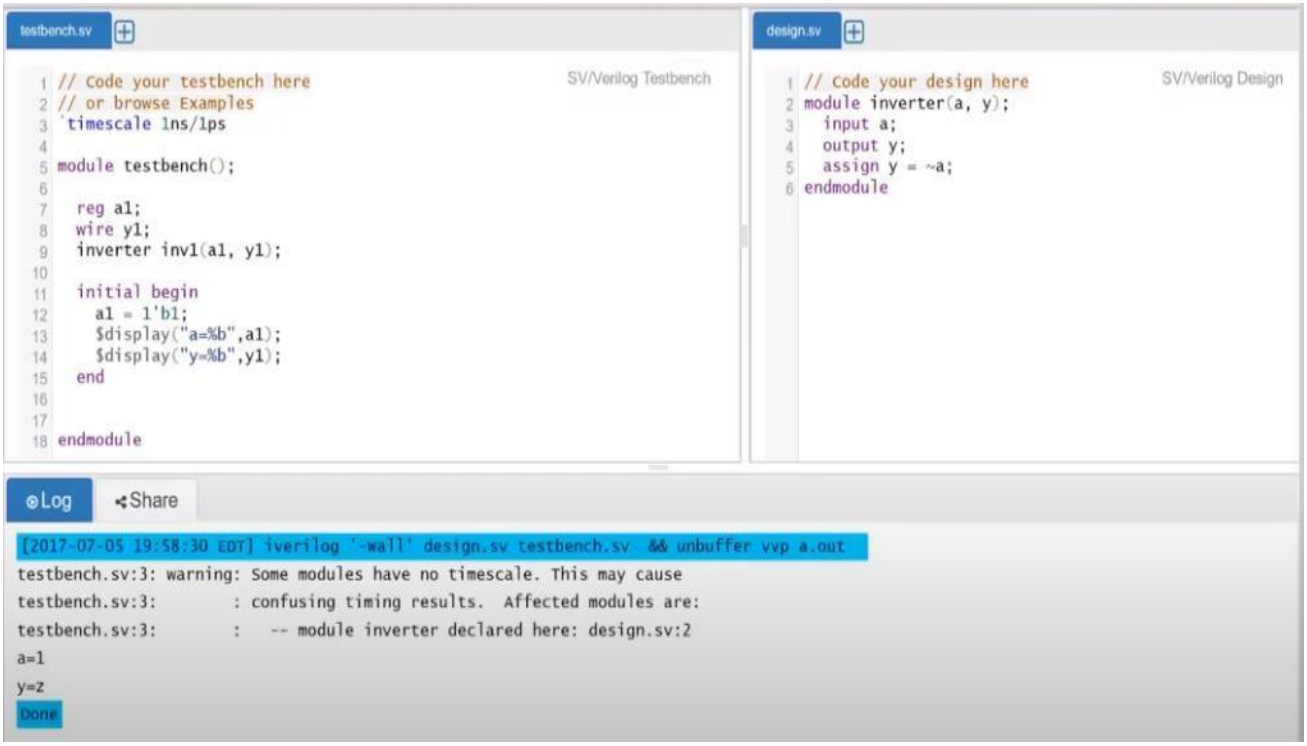


**Report – Report can be typed or hand written for up to two pages.**

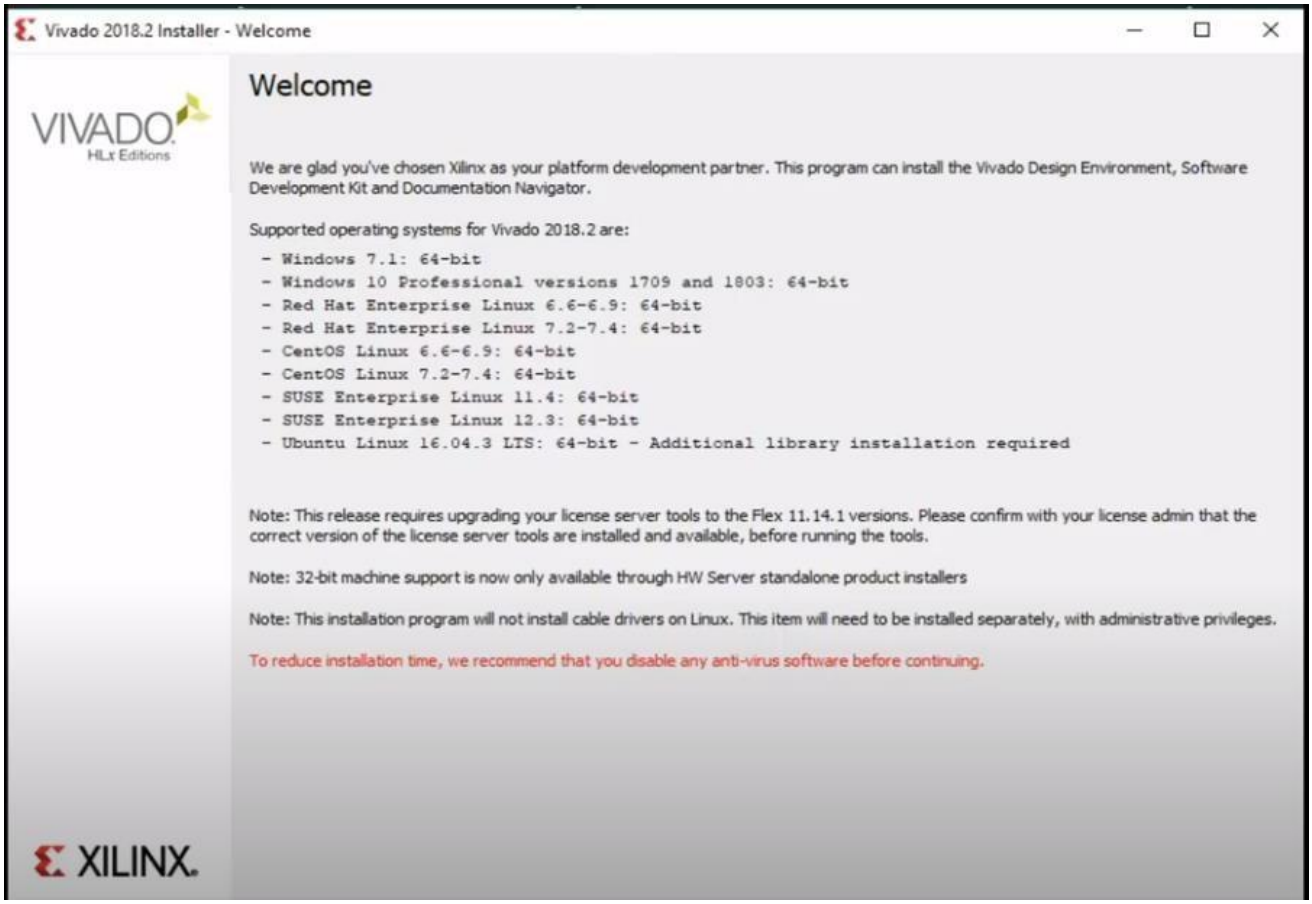
## EDA Playground Online complier:




## EDA Playground Tutorial Demo Video:



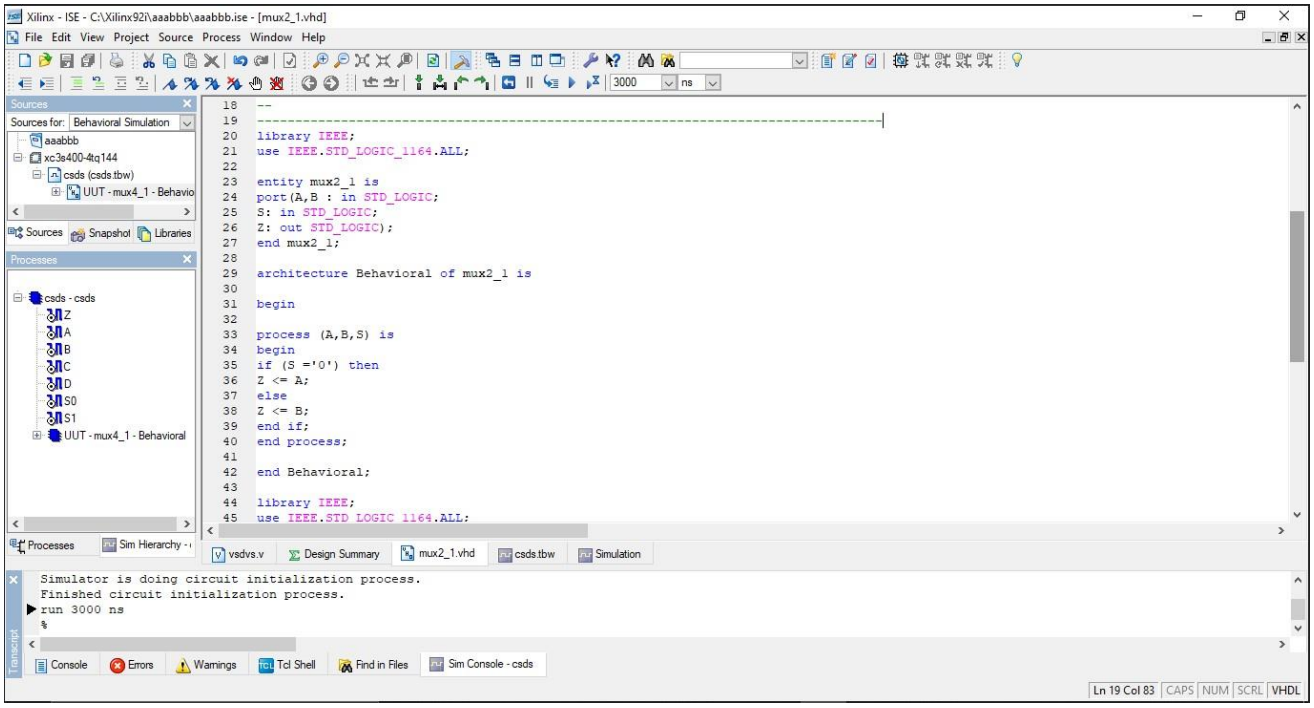
## How to Download And Install Xilinx Vivado Design Suite:



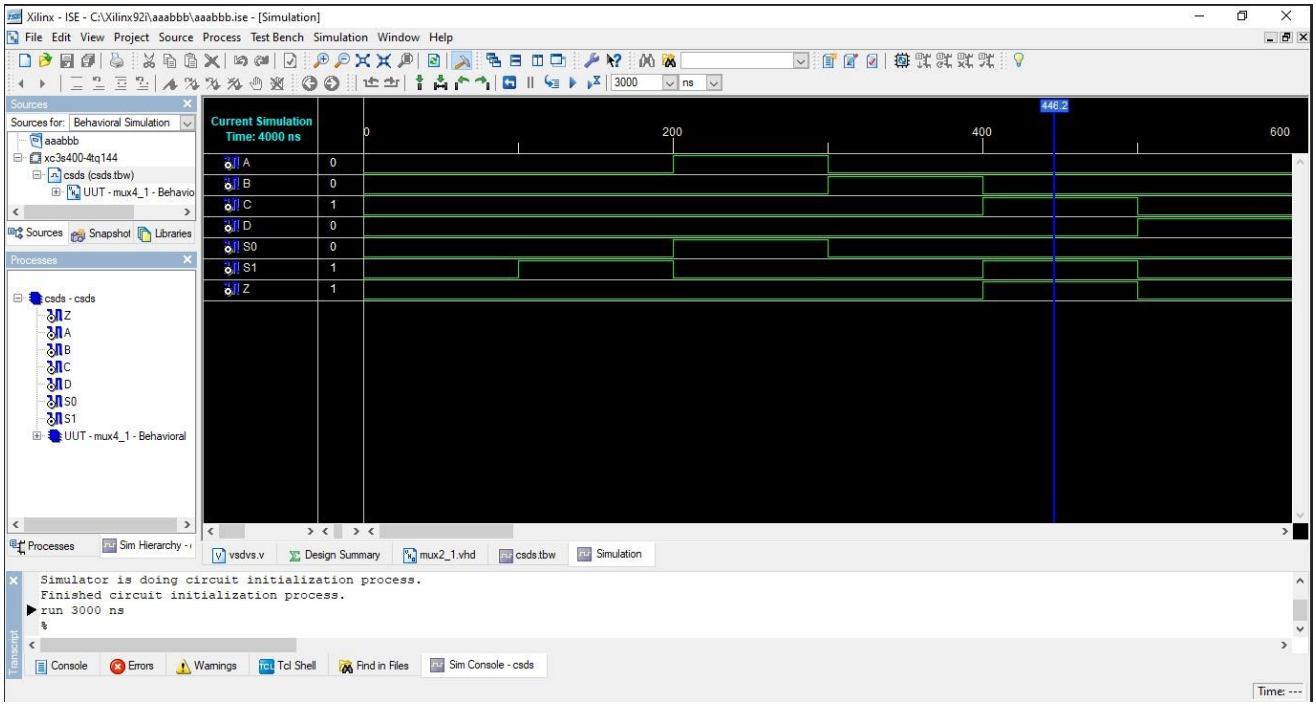

## Vivado Design Suite for implementation of HDL code:

## TASK:

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



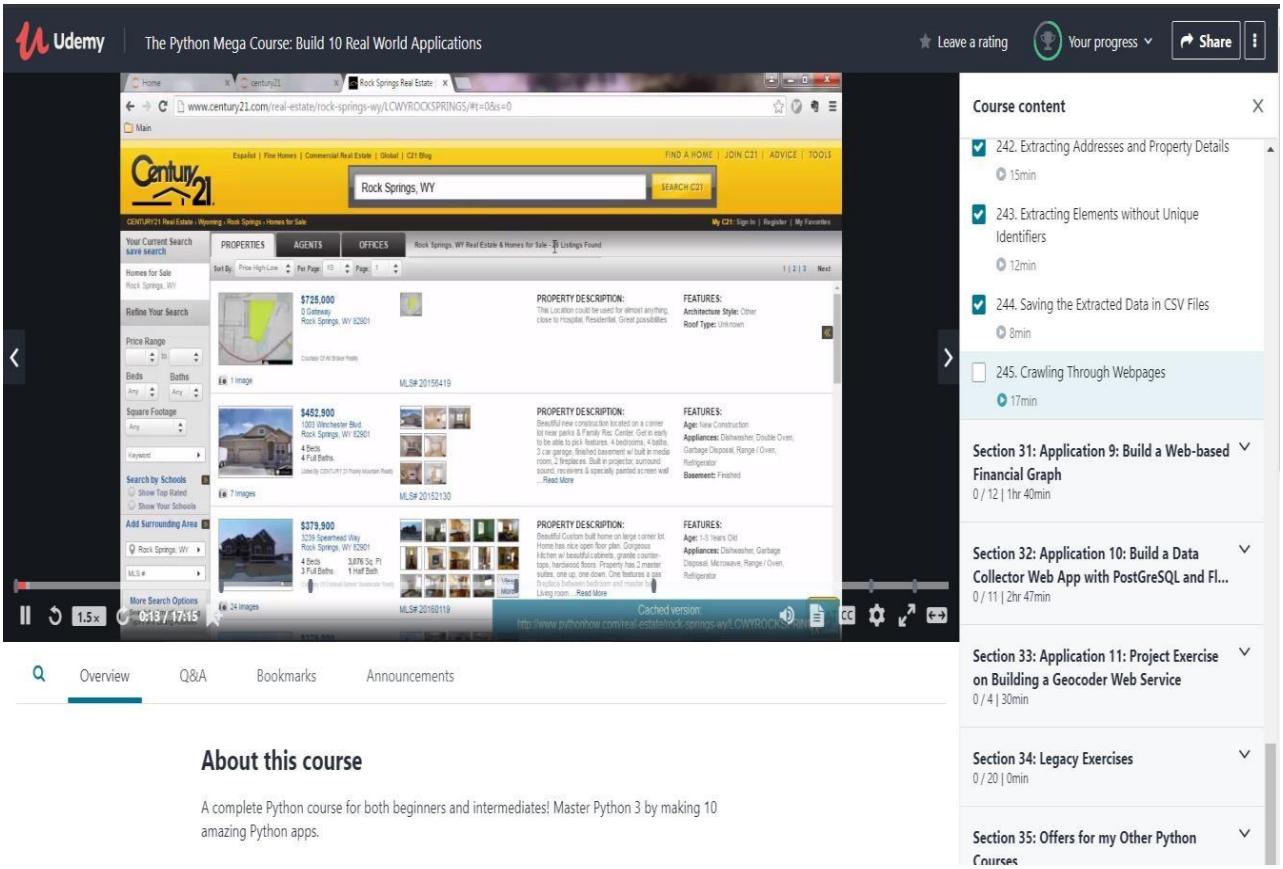

## OUTPUT:



| Date: | 03 June 2020 | Name: | PAVITHRAN S |
|---|---|---|---|
| Course: | The Python Mega Course | USN: | 4AL17EC068 |
| Topic: | Application 8: Scrape Real Estate Property Data from the Web | Semester & Section: | 6th B |

**AFTERNOON SESSION DETAILS**

**Image of session:**



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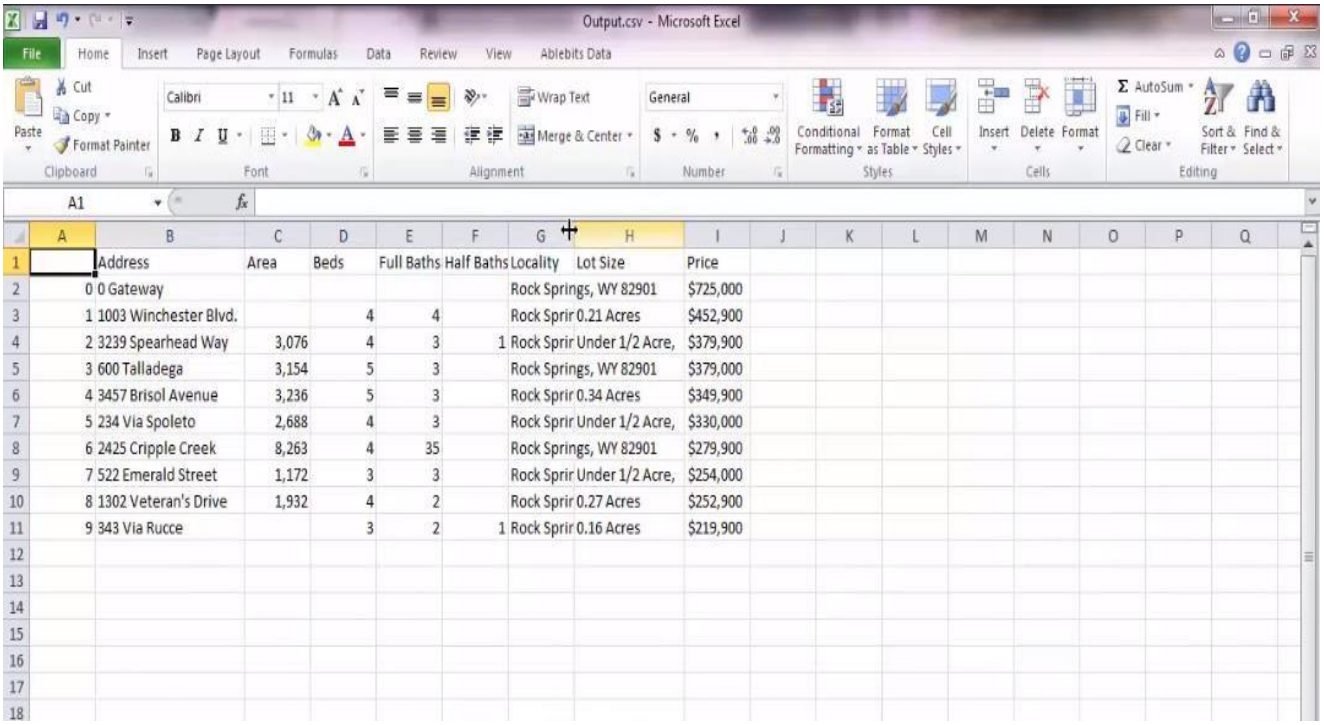
## Scrape Real Estate Property Data from the Web:

- **In this application we learnt how to collect data from various websites using python.**
- **We learnt about loading the webpages in python.**
- **We learnt to extract the "div" tags.**
- **We learnt about extracting addresses and property details.**
- **We learnt about extracting elements without unique identifiers.**
- **We learnt how to save the obtained data in .csv format.**
- **And also we learnt to extract data from various websites at a time using crawling through websites using python.**
- **The output obtained from website is saved in excel sheet as shown below.**




| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Address | Area | Beds | Full Baths | Half Baths | Locality | Lot Size | Price |
| 2 | 0 | 0 Gateway | | | | | Rock Springs, WY 82901 | | $725,000 |
| 3 | 1 | 1003 Winchester Blvd. | | 4 | 4 | | Rock Sprir | 0.21 Acres | $452,900 |
| 4 | 2 | 3239 Spearhead Way | 3,076 | 4 | 3 | 1 | Rock Sprir | Under 1/2 Acre, | $379,900 |
| 5 | 3 | 600 Talladega | 3,154 | 5 | 3 | | Rock Springs, WY 82901 | | $379,000 |
| 6 | 4 | 3457 Brisol Avenue | 3,236 | 5 | 3 | | Rock Sprir | 0.34 Acres | $349,900 |
| 7 | 5 | 234 Via Spoleto | 2,688 | 4 | 3 | | Rock Sprir | Under 1/2 Acre, | $330,000 |
| 8 | 6 | 2425 Cripple Creek | 8,263 | 4 | 35 | | Rock Springs, WY 82901 | | $279,900 |
| 9 | 7 | 522 Emerald Street | 1,172 | 3 | 3 | | Rock Sprir | Under 1/2 Acre, | $254,000 |
| 10 | 8 | 1302 Veteran's Drive | 1,932 | 4 | 2 | | Rock Sprir | 0.27 Acres | $252,900 |
| 11 | 9 | 343 Via Rucce | | 3 | 2 | 1 | Rock Sprir | 0.16 Acres | $219,900 |