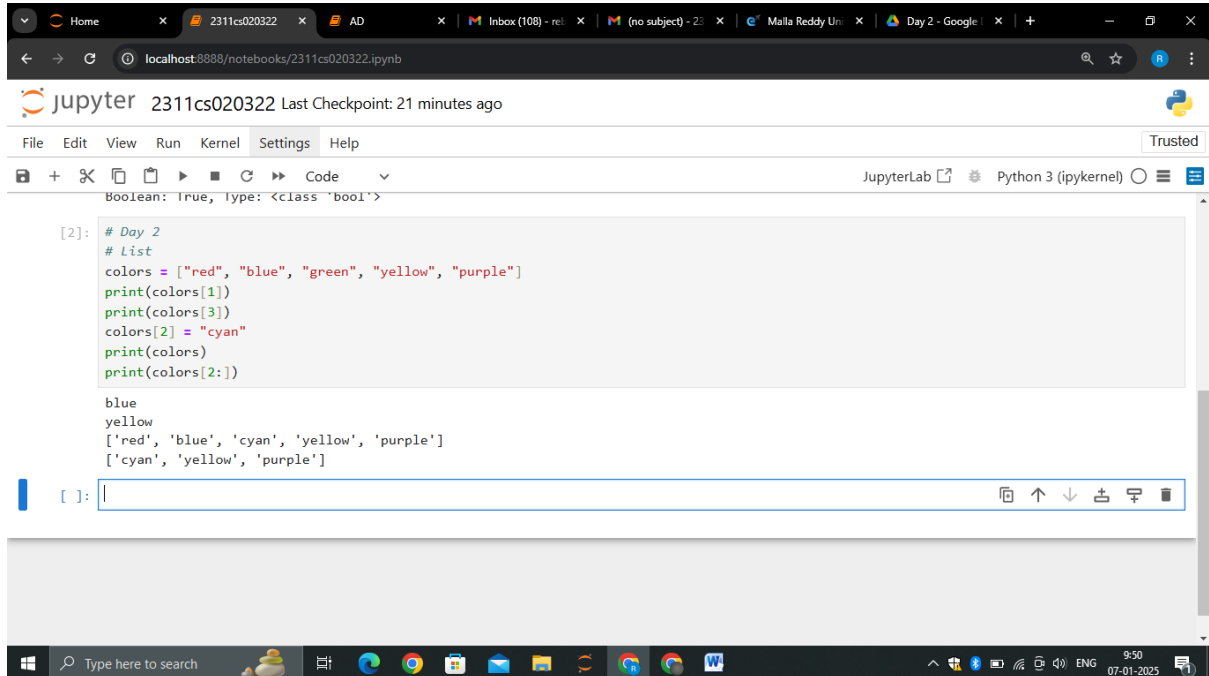


DAY 2

Create a List, tuple and Dictionary with 5 elements in it and how to access few elements based on the index. Try with different examples



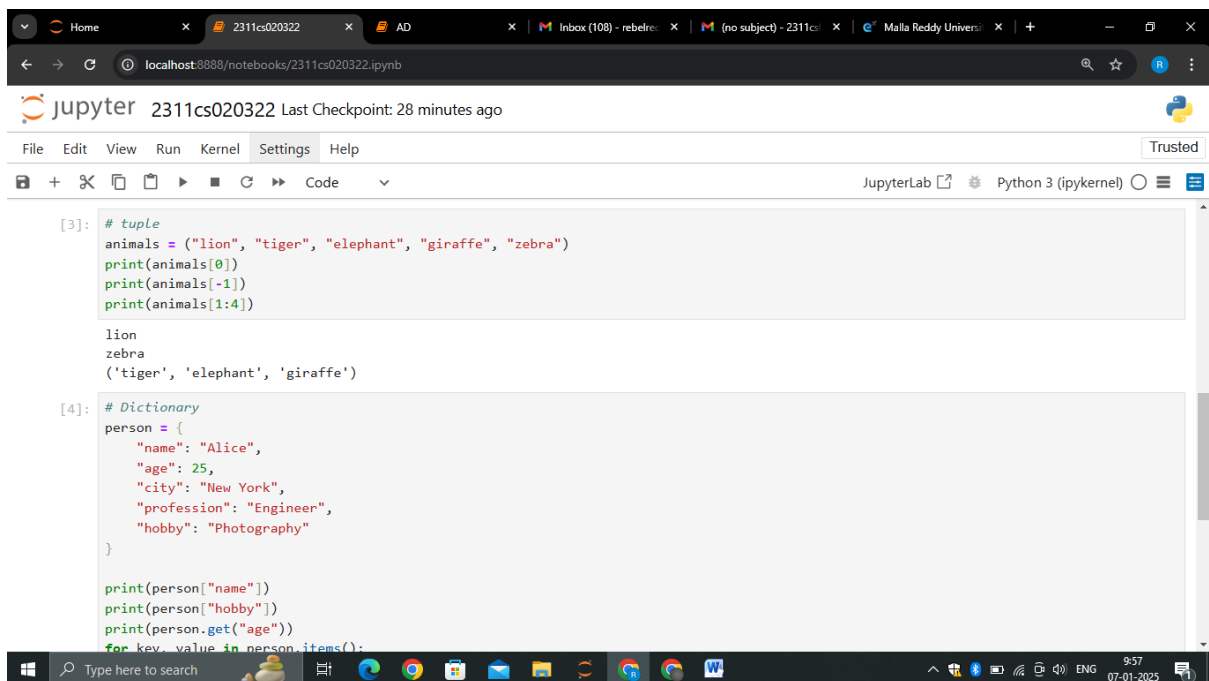
The screenshot shows a JupyterLab interface with a browser window at the top displaying the URL `localhost:8888/notebooks/2311cs020322.ipynb`. The notebook title is "2311cs020322" and it shows "Last Checkpoint: 21 minutes ago". The menu bar includes File, Edit, View, Run, Kernel, Settings, and Help. The toolbar shows various icons for file operations and execution. The code cell [2] contains the following Python code:

```
# Day 2
# List
colors = ["red", "blue", "green", "yellow", "purple"]
print(colors[1])
print(colors[3])
colors[2] = "cyan"
print(colors)
print(colors[2:])
```

The output of the code is displayed below the cell:

```
blue
yellow
['red', 'blue', 'cyan', 'yellow', 'purple']
['cyan', 'yellow', 'purple']
```

The bottom of the screenshot shows a Windows taskbar with the search bar and several application icons.



The screenshot shows a JupyterLab interface with a browser window at the top displaying the URL `localhost:8888/notebooks/2311cs020322.ipynb`. The notebook title is "2311cs020322" and it shows "Last Checkpoint: 28 minutes ago". The menu bar includes File, Edit, View, Run, Kernel, Settings, and Help. The toolbar shows various icons for file operations and execution. The code cell [3] contains the following Python code:

```
# tuple
animals = ("lion", "tiger", "elephant", "giraffe", "zebra")
print(animals[0])
print(animals[-1])
print(animals[1:4])
```

The output of the code is displayed below the cell:

```
lion
zebra
('tiger', 'elephant', 'giraffe')
```

The code cell [4] contains the following Python code:

```
# Dictionary
person = {
    "name": "Alice",
    "age": 25,
    "city": "New York",
    "profession": "Engineer",
    "hobby": "Photography"
}

print(person["name"])
print(person["hobby"])
print(person.get("age"))
for key, value in person.items():
```

Home x 2311cs020322 x AD x Inbox (108) - rebe... x (no subject) - 2311cs x Malla Reddy Univers... x +

localhost:8888/notebooks/2311cs020322.ipynb

jupyter 2311cs020322 Last Checkpoint: 28 minutes ago

File Edit View Run Kernel Settings Help Trusted

JupyterLab Python 3 (ipykernel)

```
[*]: # Dictionary
person = {
    "name": "Alice",
    "age": 25,
    "city": "New York",
    "profession": "Engineer",
    "hobby": "Photography"
}

print(person["name"])
print(person["hobby"])
print(person.get("age"))
for key, value in person.items():
    print(f"{key}: {value}")
```

Alice
Photography
25
name: Alice
age: 25
city: New York
profession: Engineer
hobby: Photography

Type here to search

9:57
07-01-2025