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**Subject: Python Programming**

**Class: BSIT Part 2 , 4<sup>th</sup> sem**

## **Assignment 02**

**Task 1:** Create a dictionary of city and their respective zip codes. Then ask zip code from user and provide the name of city. (Hint: use input)

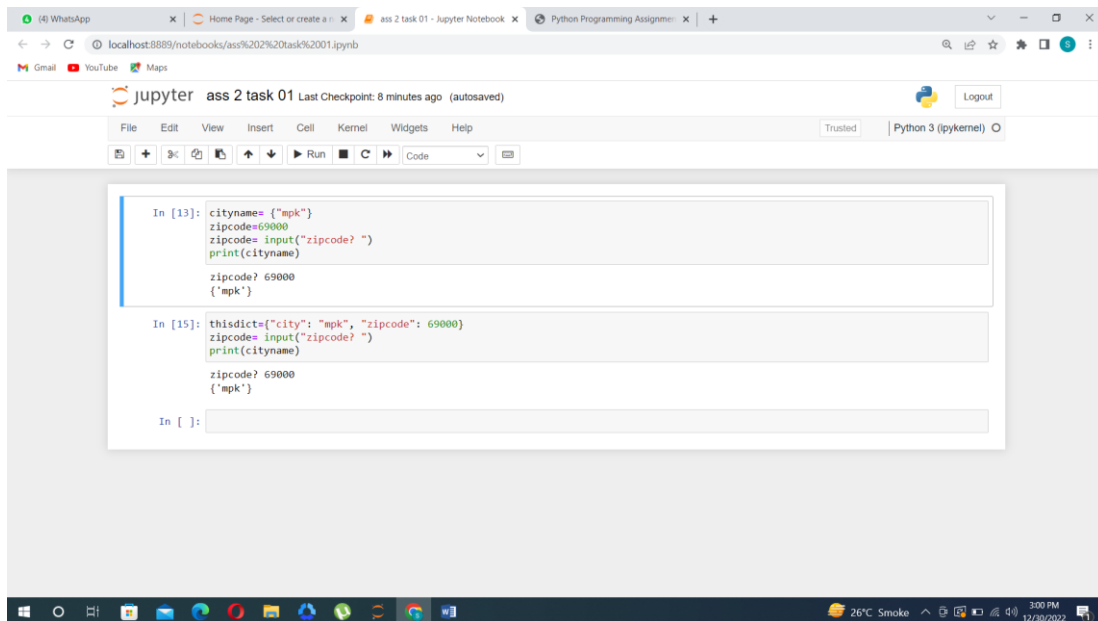
**Code:**

```
cityname= {"mpk"}

zipcode=69000

zipcode= input("zipcode? ")

print(cityname)
```



**Task 2:** (Dictionary): Create a marksheet of your class, having five student's name and their marks, and apply following series of action:

A. Ask five names and their respective marks in first year

- B. Calculate and print total marks of all students
- C. Calculate and print average marks of all students

**Code:**

```
D = dict()

n = int(input('How many student record you want to store?? '))

# Add student information
# to the dictionary
Student1 =int(input("savi:"))
Student2 =int(input("nigeeta:"))
Student3 =int(input("neha:"))
Student4 =int(input("priya:"))
Student5 =int(input("komal:"))

total= Student1 + Student2 + Student3 + Student4 + Student5
average= total / 5.0
print('\n\nThe total of the items =',total)
print('\n\nThe average of the items =',average)
```

Browser tabs: (4) WhatsApp, Home Page - Select or create a new page, dict task2 - Jupyter Notebook, Python Programming Assignment...

Address bar: localhost:8890/notebooks/dict%20task2.ipynb

Navigation: Gmail, YouTube, Maps

Jupyter Notebook Header: jupyter dict task2 Last Checkpoint: 11 minutes ago (autosaved) Logout

Menu: File Edit View Insert Cell Kernel Widgets Help Trusted Python 3 (ipykernel)

Toolbar: +, -, Run, Code

```
In [8]: D = dict()

n = int(input('How many student record you want to store?? '))

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Student3 = int(input("neha:"))
Student4 = int(input("priya:"))
Student5 = int(input("komal:"))

total = Student1 + Student2 + Student3 + Student4 + Student5
average = total / 5.0
print('\nThe total of the items =',total)
print('\nThe average of the items =',average)

How many student record you want to store?? 5
savi:65
nigeeta:78
neha:88
priya:66
komal:83

The total of the items = 380
The average of the items = 76.0
```

Bottom bar: Windows taskbar with icons for various applications, system tray showing 24°C, Smoke, and time 3:29 PM 12/30/2022.