Day 16 Class of DevOps

Agenda – Using data types need to write a python program, learn about JSON and reposit code to git hub

1. Using data types and write a python code.

Here we use different type of datatypes such as int, float, string, Boolean, dictionary.

For every datatype we use different type of input, Here our agenda is to build Ticket booking portal with given details need to appear as an output.

Input Details:

**#Integer**

age = 25

number\_of\_seats = 1

bus\_number = 5090

**#Float**

ticket\_price = 1005.75 # rupee

distance = 559.7 # Kms

**#String**

name = "Sai Varma"

bus\_route = "MMD to HYD"

bus\_operator = "ORANGE TOURS and TRAVELS"

**#Boolean**

booking\_confirmed = True

**#Date and Time**

date\_of\_travel = "2024-07-03" # inka cheppaledu chepta

Departue\_time = "2024-07-02 22:00:00"

Python Program:

# Integer  
age = 25  
number\_of\_seats = 1  
bus\_number = 5090  
  
# Float  
ticket\_price = 1005.75 # rupee  
distance = 559.7 # Kms  
  
# String  
name = "Sai Varma"  
bus\_route = "MMD to HYD"  
bus\_operator = "ORANGE TOURS and TRAVELS"  
  
# Boolean  
booking\_confirmed = True  
booking\_is\_not\_confirmed = False  
  
# Date and Time  
date\_of\_travel = "2024-07-03" # inka cheppaledu chepta  
Departue\_time = "2024-07-02 22:00:00"  
# List  
  
  
print(f"Name: {name}")  
print(f"Age: {age}")  
print(f"Date\_of\_Travel: {date\_of\_travel}")  
print(f"Seats: {number\_of\_seats}")  
print(f"Bus\_number: {bus\_number}")  
print(f"Bus\_route: {bus\_route}")  
print(f"Bus\_Operator: {bus\_operator}")  
print(f"Price\_of\_the\_Tickets: {ticket\_price}")  
print(f"Time: {Departue\_time}")  
print(f"Distance: {distance}")  
print(f"Confirmation: {booking\_confirmed}")  
  
#print declation  
if booking\_confirmed:  
 print("Your ticket is confirmed")  
  
else:  
 print("your ticket is not confirmed")

Out Put:

Name: Sai Varma

Age: 25

Date\_of\_Travel: 2024-07-03

Seats: 1

Bus\_number: 5090

Bus\_route: MMD to HYD

Bus\_Operator: ORANGE TOURS and TRAVELS

Price\_of\_the\_Tickets: 1005.75

Time: 2024-07-02 22:00:00

Distance: 559.7

Confirmation: True

Your ticket is confirmed

1. Learn about JSON:

JSON: java script oriented notation.

Need to cover JSON topics

* About JSON
* JSON syntax rules
* JSON vs XML
* JSON Data types
* JSON Parse
* JSON Stringify
* JSON Objects
* JSON arrays

1. Reposit python code to git hub

First of all we need to initialize to local repository by using git command as git init once it got initialize we need to add the files from machine to local repo by using command as git add <file\_name> once it got add we need to commit the file by using command as git commit –m <add file commit> once we commit the file we need to remote the file by using command as git remote add origin <git url> once we remote the file we need to push the file to remote repo with new branch by using command as git push –u origin master once we hit enter file would be move to remote repository