**PYTHON LAB 6**

**CODE:**

import re

from datetime import datetime

def validate\_travel\_booking\_form(name, passport\_number, phone\_number, email, departure\_date, payment\_method):

   #Here we'll verify the name

    if not re.fullmatch(r"[A-Za-z\s]+", name):

        return "Invalid name: Only alphabetic characters and spaces are allowed."

    #passport (alphanumeric and exactly 9 characters)

    if not re.fullmatch(r"[A-Za-z0-9]{9}", passport\_number):

        return "Invalid passport number: Must be alphanumeric and exactly 9 characters long."

    #phone number

    if not re.fullmatch(r"\d{10}", phone\_number):

        return "Invalid phone number: Must be a valid 10-digit number."

    #email address

    if not re.fullmatch(r"[^@]+@[^@]+\.[^@]+", email):

        return "Invalid email address: Must be in the correct format (e.g., example@example.com)."

    #departure date (format "dd/mm/yyyy")

    try:

        datetime.strptime(departure\_date, "%d/%m/%Y")

    except ValueError:

        return "Invalid departure date: Must be in the format 'dd/mm/yyyy'."

    #payment method (either 'credit', 'debit', or 'netbanking')

    if payment\_method.lower() not in ['credit', 'debit', 'netbanking']:

        return "Invalid payment method: Must be either 'credit', 'debit', or 'netbanking'."

    return "All inputs are valid!"

name = input("Enter your name: ")

passport\_number = input("Enter your passport number: ")

phone\_number = input("Enter your phone number: ")

email = input("Enter your email address: ")

departure\_date = input("Enter your departure date (dd/mm/yyyy): ")

payment\_method = input("Enter your payment method (credit, debit, netbanking): ")

# Validating the inputs

validation\_result = validate\_travel\_booking\_form(name, passport\_number, phone\_number, email, departure\_date, payment\_method)

print(validation\_result)

**OUTPUT:**



