**CORE MODULE 4**

**Web Development**

**PRACTICAL**

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**Course : - ADIT (IBM)**

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**Module : - Core Module 4**

**Practical : - Web Development**

**Requirements/tools : -**

1. **Hardware: -** 
   * 1. **Working PC with Hard disk installed**
     2. **Internet connection**
2. **Software: -**
   * 1. **VS CODE**
     2. **Python**

**Question 2: - Write a Python program that accepts an integer (n) and computes the value of n+nn+nnn.**

**Solution: -**

**STEP1: - Accept input from the user**

n = input("Enter an integer: ")

**STEP2: - Create the values for nn and nnn**

nn = n + n  # Concatenates the string n twice

nnn = n + n + n  # Concatenates the string n three times

**STEP3: -** **Convert the strings to integers and compute the result**

result = int(n) + int(nn) + int(nnn)

**STEP4:-** **Output the result**

print(f"The result of n + nn + nnn for n = {n} is: {result}")

**After completing all the steps, the final code will be**

# Step 1: Accept input from the user

n = input("Enter an integer: ")

# Step 2: Create the values for nn and nnn

nn = n + n  # Concatenates the string n twice

nnn = n + n + n  # Concatenates the string n three times

# Step 3: Convert the strings to integers and compute the result

result = int(n) + int(nn) + int(nnn)

# Step 4: Output the result

print(f"The result of n + nn + nnn for n = {n} is: {result}")

**OUTPUT:-**

**If the input is 5**

**A screenshot of a computer program

Description automatically generated**

**A screenshot of a computer program

Description automatically generatedIf the input is 10**

**Question 3: - Write a python program to print a specified list after removing the 0th, 4th, and 5th elements**

**Sample list: [ ‘Red’, ’Green’, ’white’, ’black’, ’pink’, ’yellow’]**

**Expected output: [ ‘Green’, ‘White’, ‘Black’]**

**Step 1: Define the sample list**

sample\_list = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

**Step 2: Remove the 5th, 4th, and 0th elements**

# Step 2: Remove the 5th, 4th, and 0th elements

del sample\_list[5]  # Removes 'Yellow'

del sample\_list[4]  # Removes 'Pink'

del sample\_list[0]  # Removes 'Red'

**Step 3: Print the modified list**

# Step 3: Print the modified list

print(sample\_list)

**After completing all the steps, the final code will be**

# Step 1: Define the sample list

sample\_list = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

# Step 2: Remove the 5th, 4th, and 0th elements in reverse order

del sample\_list[5]  # Removes 'Yellow'

del sample\_list[4]  # Removes 'Pink'

del sample\_list[0]  # Removes 'Red'

# Step 3: Print the modified list

print(sample\_list)

**OUTPUT:-** **A screenshot of a computer program

Description automatically generated**