nm-assignment4

October 28, 2023

```python
# Task - 1 : Joining two lists
list1 = ["Apple","Banana","Orange"]
list2 = [20,20.5,"Kiwi"]
Result = list1 + (list2)
print("Merged List : ",Result)
```

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Merged List :  ['Apple', 'Banana', 'Orange', 20, 20.5, 'Kiwi']
```

```python
# Task - 2 : Finding Even numbers using if statement
List = [4,57,89,72,81,77,26]
for i in List:
  if(i%2==0):
    print(i," is an even number")
  else:
    continue
```

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4   is an even number
72   is an even number
26   is an even number
```

```python
# Task - 3 : Dictionary with three keys and 2 values in each key
Dict = {
    "Red"      : ["Apple","Cherry"],
    "Yellow"   : ["Mango","Papaya"],
    "Green"    : ["Grapes","Kiwi"]
}
print("Created Dictionary : ",Dict)
```

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Created Dictionary :  {'Red': ['Apple', 'Cherry'], 'Yellow': ['Mango',
'Papaya'], 'Green': ['Grapes', 'Kiwi']}
```

```python
# Task - 4 : Finding Odd numbers using if statement
List = [45,57,9,81,78,26]
for i in List:
  if(i%2!=0):
    print(i," is an odd number")
  else:
    continue
```

```
45  is an odd number
57  is an odd number
9  is an odd number
81  is an odd number
```

```python
# Task - 5 : Sum of all numbers in the list
List = [23,55,71,26,19]
sum = 0
for i in List:
    sum +=i
print("Sum of elements in the List : ",sum)
```

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Sum of elements in the List :  194
```