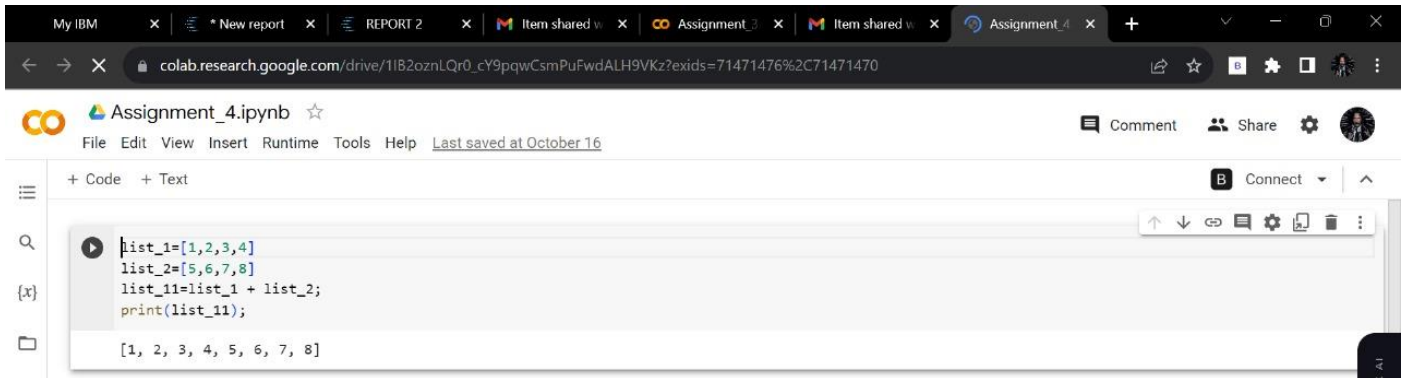


AI ML ASSIGNMENT 1

NAME: VIGNESH C

- Create two list and join those two list:




The screenshot shows a Google Colab notebook titled 'Assignment_4.ipynb'. The code cell contains the following Python code:

```
list_1=[1,2,3,4]
list_2=[5,6,7,8]
list_11=list_1 + list_2;
print(list_11);
```

The output of the code is displayed below the code cell:

```
[1, 2, 3, 4, 5, 6, 7, 8]
```

- With If statement find the even numbers:



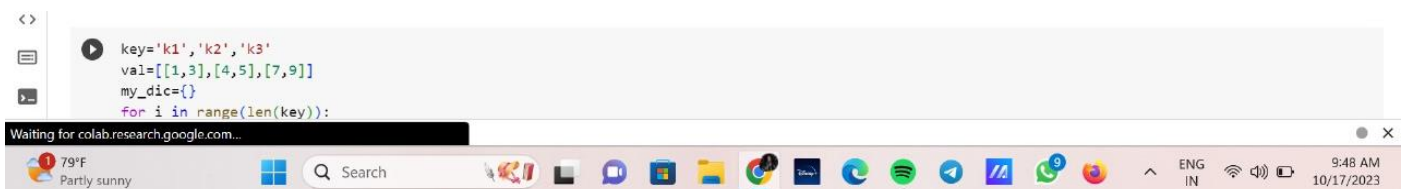
The screenshot shows a code editor with the following Python code:

```
[ ] num=[1,2,3,4,5,6,7,8]
a=[]
i=0
for s in num:
    if s%2==0:
        a.append(s)
print(a)
```

The output of the code is displayed below the code cell:

```
[2, 4, 6, 8]
```

- Create a dictionary with 3 keys and 2 values for each key:



The screenshot shows a code editor with the following Python code:

```
key='k1','k2','k3'
val=[[1,3],[4,5],[7,9]]
my_dic={}
for i in range(len(key)):
```

The screenshot also shows a Windows taskbar at the bottom with the date and time: 9:48 AM 10/17/2023.

- Create a function with If statement which is used to find the odd numbers:

```
{x} [ ] num=[1,2,3,4,5,6,7,8]
a=[]
i=0
for s in num:
    if s%2!=0:
        a.append(s)
print(a)

[1, 3, 5, 7]
```

- Python function to sum all the numbers in a list:

```
<> def sum_list(num):
    n = sum(num)
    return n
my_list=[8,2,3,0,7]
n=sum_list(my_list)
print(n)

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```