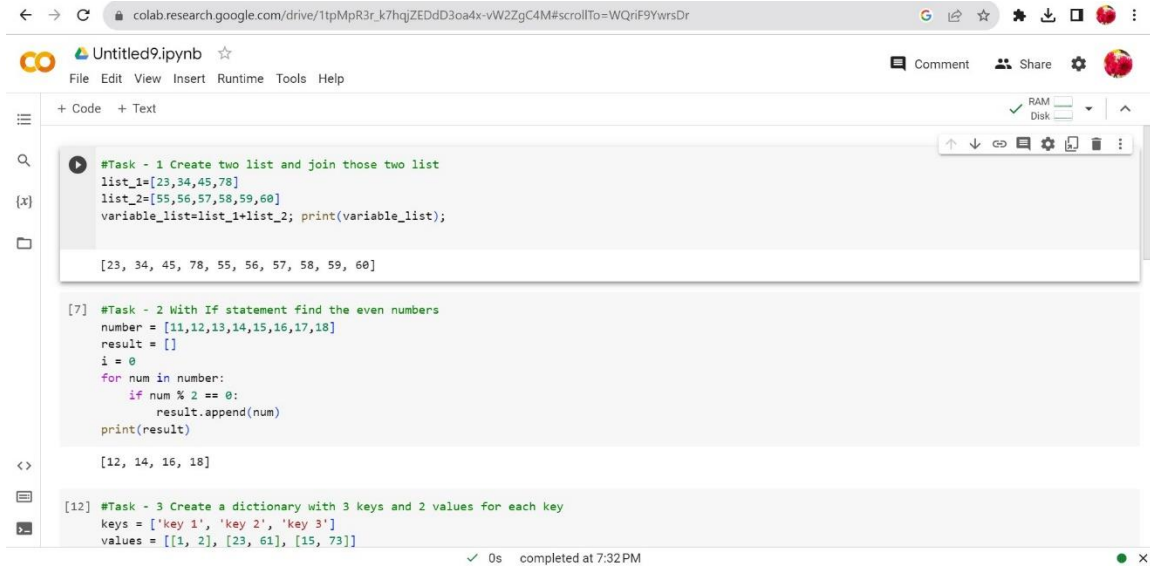


DATA ANALYTICS

ASSIGNMENT – 4



```
#Task - 1 Create two list and join those two list
list_1=[23,34,45,78]
list_2=[55,56,57,58,59,60]
variable_list=list_1+list_2; print(variable_list);

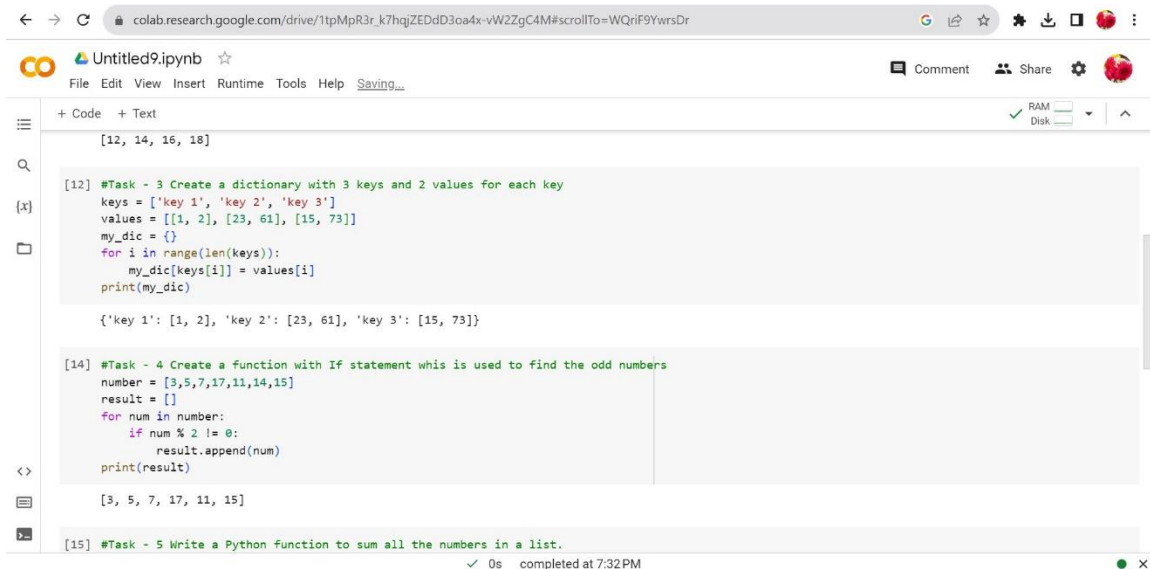
[23, 34, 45, 78, 55, 56, 57, 58, 59, 60]

[7] #Task - 2 With If statement find the even numbers
number = [11,12,13,14,15,16,17,18]
result = []
i = 0
for num in number:
    if num % 2 == 0:
        result.append(num)
print(result)

[12, 14, 16, 18]

[12] #Task - 3 Create a dictionary with 3 keys and 2 values for each key
keys = ['key 1', 'key 2', 'key 3']
values = [[1, 2], [23, 61], [15, 73]]
```

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```
[12, 14, 16, 18]

[12] #Task - 3 Create a dictionary with 3 keys and 2 values for each key
keys = ['key 1', 'key 2', 'key 3']
values = [[1, 2], [23, 61], [15, 73]]
my_dic = {}
for i in range(len(keys)):
    my_dic[keys[i]] = values[i]
print(my_dic)

{'key 1': [1, 2], 'key 2': [23, 61], 'key 3': [15, 73]}

[14] #Task - 4 Create a function with If statement whis is used to find the odd numbers
number = [3,5,7,17,11,14,15]
result = []
for num in number:
    if num % 2 != 0:
        result.append(num)
print(result)

[3, 5, 7, 17, 11, 15]

[15] #Task - 5 Write a Python function to sum all the numbers in a list.
```

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```
#Task - 5 Write a Python function to sum all the numbers in a list.
def sum_list(numbers):
    total = sum(numbers)
    return total
my_list = [8,2,3,0,7]
total = sum_list(my_list)
print(total)
```

20

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