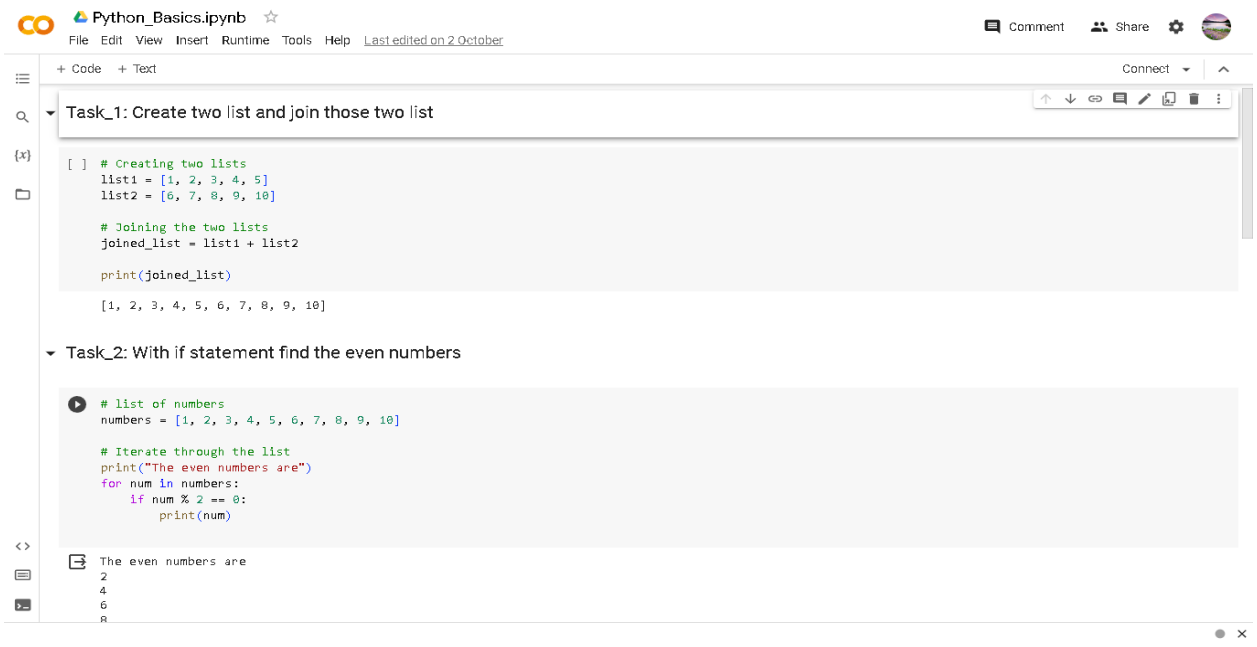
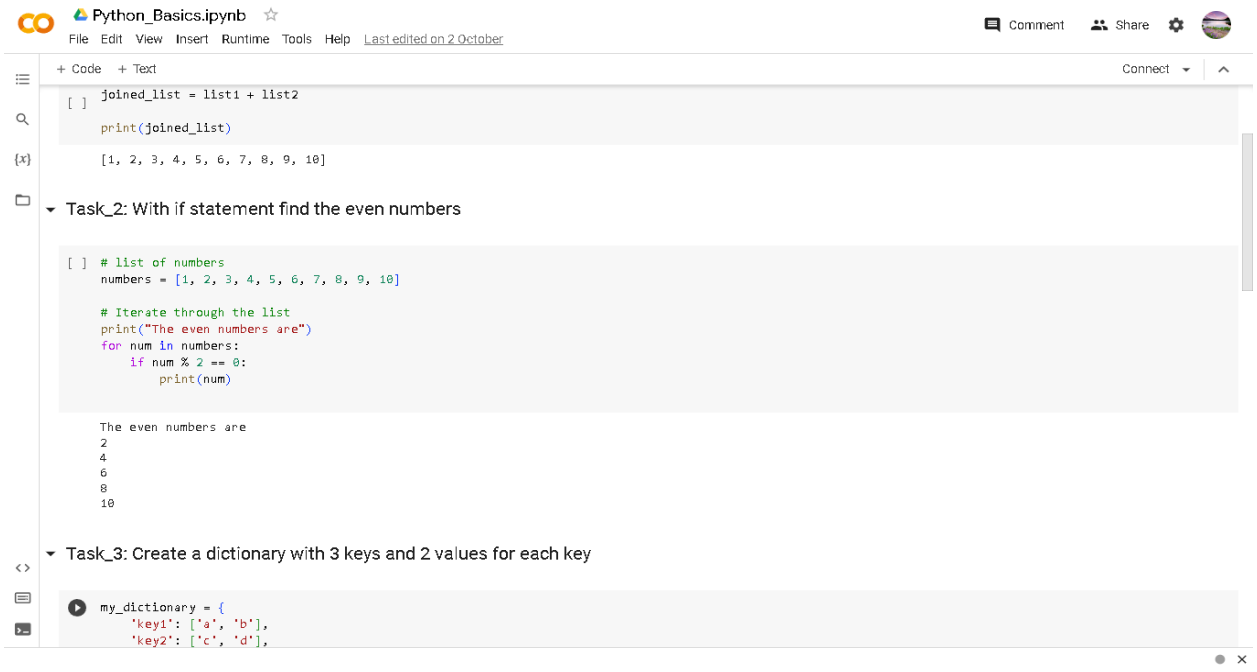
# Assignment – 4

## Python Basics

Name: Suryapraba V

NM Id: au611220104159



Python_Basics.ipynb

File Edit View Insert Runtime Tools Help Last edited on 2 October

Comment Share Connect

+ Code + Text

```
10
```

## Task_3: Create a dictionary with 3 keys and 2 values for each key

```
[ ] my_dictionary = {
        'key1': ['a', 'b'],
        'key2': ['c', 'd'],
        'key3': ['e', 'f']
    }

    # Accessing values in the dictionary
    print(my_dictionary['key1'])
    print(my_dictionary['key2'])
    print(my_dictionary['key3'])
```

```
['a', 'b']
['c', 'd']
['e', 'f']
```

## Task_4: Create a function with if statement which is used to find the odd numbers

```
def find_odd_numbers(numbers):
    odd_numbers = []
    for num in numbers:
        if num % 2 != 0:
            odd_numbers.append(num)
    return odd_numbers
```

Python_Basics.ipynb

File Edit View Insert Runtime Tools Help Last edited on 2 October

Comment Share Connect

+ Code + Text

## Task_4: Create a function with if statement which is used to find the odd numbers

```
[ ] def find_odd_numbers(numbers):
        odd_numbers = []
        for num in numbers:
            if num % 2 != 0:
                odd_numbers.append(num)
        return odd_numbers

    numbers_list = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
    odd_numbers_list = find_odd_numbers(numbers_list)
    print("Odd numbers:", odd_numbers_list)
```

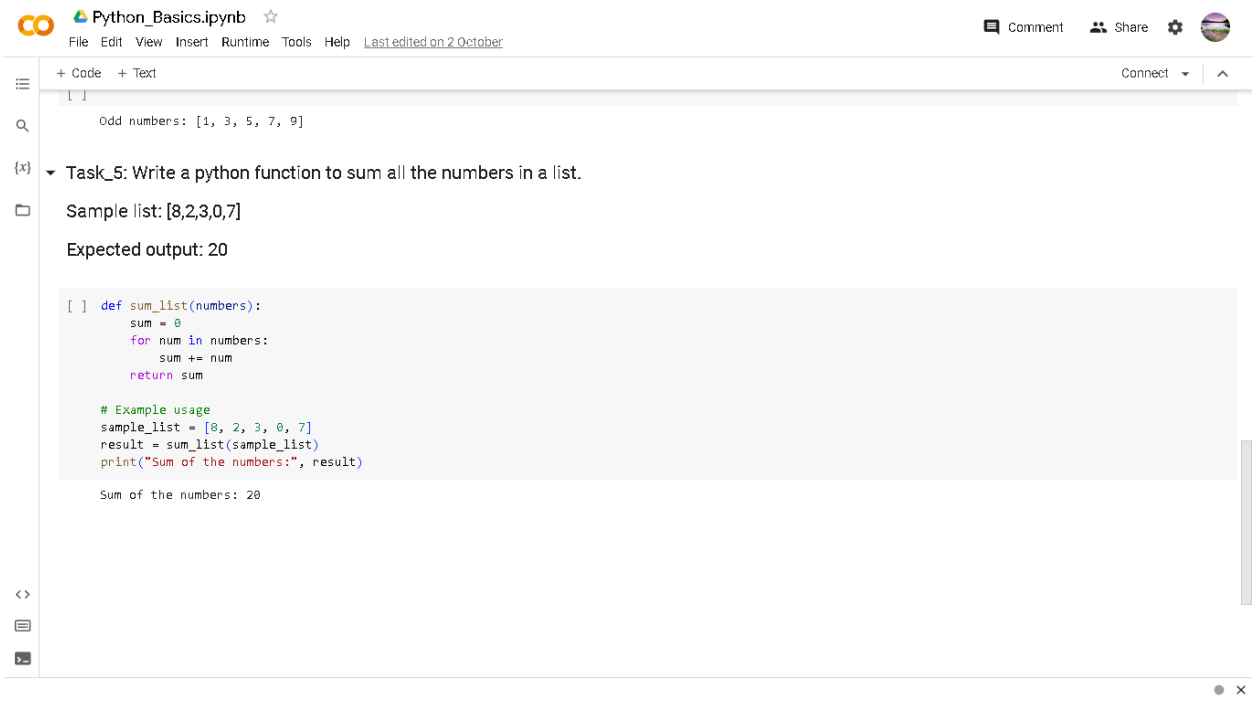
```
Odd numbers: [1, 3, 5, 7, 9]
```

## Task_5: Write a python function to sum all the numbers in a list.

Sample list: [8,2,3,0,7]

Expected output: 20

```
def sum_list(numbers):
    sum = 0
    for num in numbers:
        sum += num
    return sum
```




Python file Link:

https://colab.research.google.com/drive/1ZM3qabnh2Z3qBnimtQMgde5JLlj0uDcX?usp=sharing