

# ARJUN COLLEGE OF TECHNOLOGY

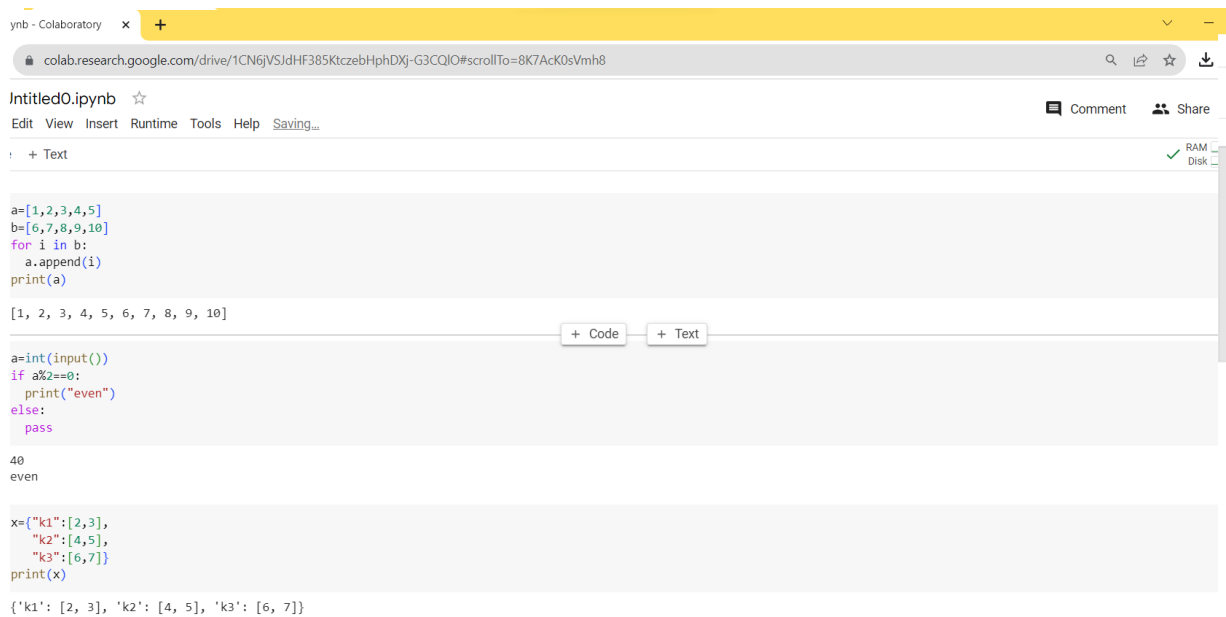
## ASSIGNMENT – 4

NAAN MUDHALVAN

NAME : ROLLA JAYANTH REDDY

REG.NO : 723920104048

### STEP-1:



The screenshot shows a Jupyter Notebook interface with a yellow header bar. The browser address bar displays a Google Drive link. The notebook has three code cells. The first cell contains a list comprehension and a loop, resulting in the output [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]. The second cell contains an input loop that checks if a number is even, resulting in the output 40 even. The third cell contains a dictionary creation and print statement, resulting in the output {'k1': [2, 3], 'k2': [4, 5], 'k3': [6, 7]}.

```
Intitled0.ipynb ☆
Edit View Insert Runtime Tools Help Saving...
+ Text
a=[1,2,3,4,5]
b=[6,7,8,9,10]
for i in b:
    a.append(i)
print(a)

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

a=int(input())
if a%2==0:
    print("even")
else:
    pass

40
even

x={"k1":[2,3],
  "k2":[4,5],
  "k3":[6,7]}
print(x)

{'k1': [2, 3], 'k2': [4, 5], 'k3': [6, 7]}
```



## STEP-2:

colab.research.google.com/drive/1CN6jVSJdHf385KtzcEbHphDXj-G3CQ/O#scrollTo=8K7AcK0sVmh8

Untitled0.ipynb ☆

File Edit View Insert Runtime Tools Help All changes saved

+ Code + Text

RAM  Disk 

```
[5] def odd(a):  
    if a%2==0:  
        pass  
    else:  
        print("odd")  
a=int(input())  
odd(a)
```

45  
odd

```
def add(a):  
    x=0  
    for i in a:  
        x=x+i  
    print(x)  
a=[8,2,3, 0, 7]  
add(a)
```

20