

ARJUN COLLEGE OF TECHNOLOGY

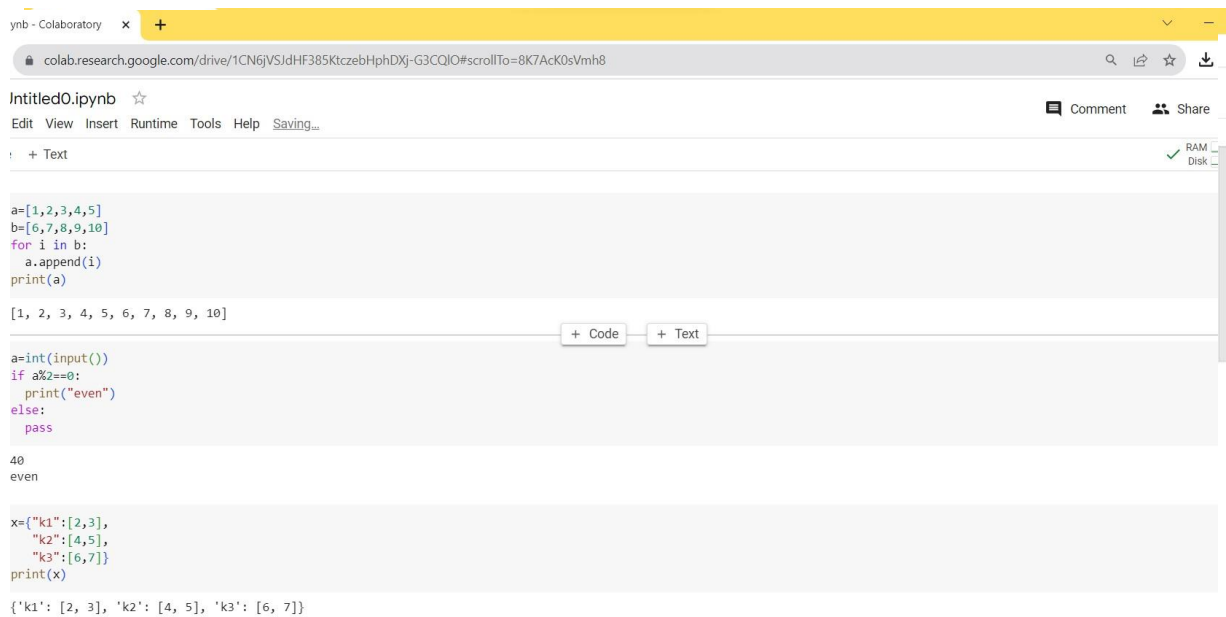
ASSIGNMENT – 4

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STEP-1:



The screenshot shows a Google Colaboratory notebook interface. The browser address bar displays the URL: `colab.research.google.com/drive/1CN6jVSjdHF385KtcezbHphDXj-G3CQJO#scrollTo=8K7AcK0sVmh8`. The notebook title is "Intitled0.ipynb". The interface includes a menu bar with "Edit", "View", "Insert", "Runtime", "Tools", and "Help". There are also buttons for "Comment" and "Share".

The notebook contains three code cells:

- Cell 1:** A Python script that creates two lists, `a` and `b`, and appends the elements of `b` to `a`.

```
a=[1,2,3,4,5]
b=[6,7,8,9,10]
for i in b:
    a.append(i)
print(a)
```

The output is: `[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]`
- Cell 2:** A Python script that takes an input, checks if it is even, and prints the result.

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

The output is: `40` and `even`
- Cell 3:** A Python script that creates a dictionary `x` with three key-value pairs and prints it.

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

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

STEP-2:

colab.research.google.com/drive/1CN6jVSJdHF385KtzzebHphDXj-G3CQIO#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)
```

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