

# ARJUN COLLEGE OF TECHNOLOGY

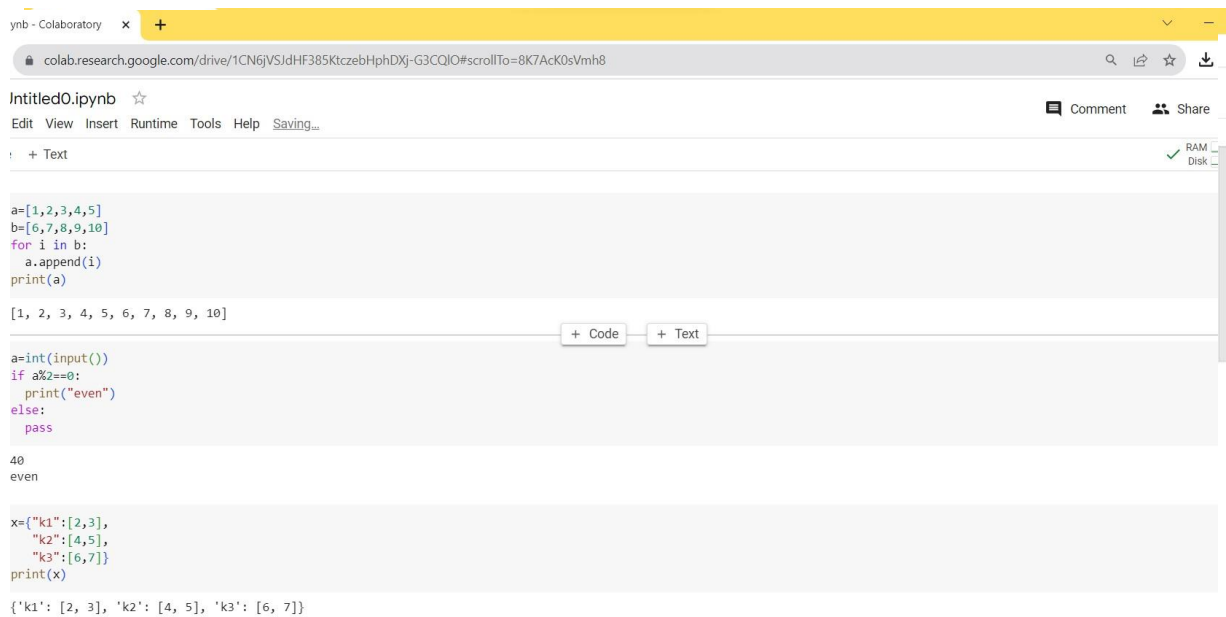
## ASSIGNMENT – 4

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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 loop that appends elements from list `b` to list `a`.  
`a=[1,2,3,4,5]`  
`b=[6,7,8,9,10]`  
`for i in b:`  
 `a.append(i)`  
`print(a)`  
**Output:** `[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]`
- Cell 2:** A conditional statement checking if an input is even.  
`a=int(input())`  
`if a%2==0:`  
 `print("even")`  
`else:`  
 `pass`  
**Output:** `40`  
`even`
- Cell 3:** A dictionary creation and printing statement.  
`x={"k1":[2,3],`  
 `"k2":[4,5],`  
 `"k3":[6,7]}`  
`print(x)`  
**Output:** `{'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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