

Assignment Day - 2

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Q1-Create a dictionary –


```
favourite_language = {  
    'ram': 'python',  
    'tim': 'c',  
    'tom': 'python',  
    'bob': 'ruby'  
}
```

Print the names of those people whose favourite language is python. Also print total number of people who like python.

CODE :

```
Assignment_Day_2.py x  
1 favourite_language = { # define a dictionary as given in the question  
2     'ram': 'python',  
3     'tim': 'c',  
4     'tom': 'python',  
5     'bob': 'ruby'  
6 }  
7  
8 key_list = list(favourite_language.keys()) # take all the keys of dictionary in a list  
9  
10 num_like_python = 0 # number of people like Python  
11 index = 0 # to fetch the key from list  
12  
13 for v in favourite_language.values(): # loop through the values of the dictionary  
14     if v.lower() == 'python': # check if value is python  
15         print(f"{key_list[index].title()} likes Python ") # fetch key from list  
16         num_like_python += 1 # got one person who likes Python so increase by one  
17         index += 1 # increase index by 1  
18  
19 print()  
20  
21 print(f"{num_like_python} people Like Python")  
22
```

OUTPUT :

A terminal window with a dark background and light gray text. The title bar at the top reads 'Assignment_Day_2' followed by a close button icon. The terminal content shows the execution of a Python script, displaying the names of people who like Python and a summary count.

```
Assignment_Day_2 ×  
/Users/satyaprakash/PycharmProjects/MyFirstProject/venv/bin/python /Users  
Ram likes Python  
Tim likes Python  
  
2 people Like Python  
  
Process finished with exit code 0
```