Syeda Marium Faheem
Roll No.PY04728

# Assignment No.4

Task No.1

```
person={

   "first_name":["Ebad","Hareem","aymal"],

   "last_name":["Nadeem","Fatima","Khan"],

   "age":[13,17,22],

   "city":["karachi","Lahore","Islamabad"]

   }

   for i in range(0,3):

  print(person["first_name"][i],person["last_name"][i],person["age"][i],person["city"][i])
```

## Task No.2

```
cities={

  "karachi":{

    "country":"pakistan","fact":"City of light","population":"1M"},


  "Lahore":{

   "country":"pakistan","fact":"captial of punjab","population":"55K"},


   "Islamabad":{

   "country":"pakistan","fact":"captial of Pakistan","population":"12K"}
```

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```
}
```

print("Listing information about city 1")

print(cities["karachi"]["country"],cities["karachi"]["fact"],str(cities["karachi"]["population"]))

print("Listing information about city 2")

print(cities["Lahore"]["country"],cities["Lahore"]["fact"],str(cities["Lahore"]["population"]))

print("Listing information about city 3")

print(cities["Islamabad"]["country"],cities["Islamabad"]["fact"],str(cities["Islamabad"]["population"]))

## Task No.3

count=int(input("How many ticket you want to buy "))

for i in range(1,count+1):

  age=int(input("Kindly Enter your age "))

 if age < 3:

  print("ticket is free !" )

 elif age >=3 and age <12:

  print("Price of Ticket is $10 " )

 elif age >12:

  print("Price of Ticket is $15 " )

 else:

  print("Enter correct age ")

## Task No.4

```python
def favorite_book(book):

    print("My favoirte book is "+ book)

  favorite_book("Harry potter")
```

## Task No.5

```python
import random

ran=random.randint(0,31)


for i in range(1,4):

    number=int(input("Enter number in between 1-30  "))

    if ran==number:

        print("You win ")

        break

    elif number>ran:

        print("you enter Greater number\nPlease Enter smaller number")


    elif number<ran:

      print("you enter Smaller number\nPlease Enter Larger number")
```