Aditi Rao EXTC B 118A2088

1. Create a dictionary for students containing sr.no as key as list of names,roll no as values.
2. Definition of countries and capital is given countries = ['spain', 'france', 'germany', 'norway'] capitals = ['madrid', 'paris', 'berlin', 'oslo'] From string in countries and capitals, create dictionary Europe
3. Generate the nested list of 3 students(name,roll no) and dispaly information using for loop
4. # Create the areas list
   areas = ["hallway", 11.25, "kitchen", 18.0, "living room", 20.0, "bedroom", 10.75, "bathroom", 9.50]
   # Print out second element from areas
   # Print out last element from areas
   # Append data “balcony” and its area as 4.5
   # Change "living room" to "chill zone“
   # Remove “bedroom” from the list
   # Insert “children bedroom” in place of bedroom
   # Print the list in reverse order

5. Write a program to print nested tuple with roll no, name and marks of students.
   Write a program to delete elements of tuple.

```
student_name=["Aditi", "Rao"]
student_roll=[1,2]
z=zip(student_name,student_roll)
students = dict(z)
print(students)
```

```
{'Aditi': 1, 'Rao': 2}
```

```
countries=['spain', 'france', 'germany', 'norway']
capitals=['madrid', 'paris', 'berlin', 'oslo']
z=zip(countries, capitals)
europe=dict(z)
print(europe)
```

```
{'spain': 'madrid', 'france': 'paris', 'germany': 'berlin', 'norway': 'oslo'}
```

```
student_list=[['Aditi', '88'], ['Ritika', '888'], ['Nitika', '8888']]
for students in student_list:
  for field in students:
    print(field,end=" ")
print()
```

```
Aditi 88 Ritika 888 Nitika 8888
```

```
areas=["hallway",11.25,"kitchen",18.0,"living room",20.0,"bedroom",10.75,"bathroom",9.50]
print(areas[1])
print(areas[-1])
d=["balcony",4.5]
areas.append(d)
areas
```

```
11.25
9.5
['hallway',
 11.25,
 'kitchen',
 18.0,
 'living room',
 20.0,
 'bedroom',
 10.75,
 'bathroom',
 9.5,
 ['balcony', 4.5]]
```

```
areas=['hallway', 11.25, 'kitchen', 18.0, 'living room', 20.0, 'bedroom', 10.75, 'bathroom',
areas.remove('living room')
areas.insert(4,'chill zone')

areas
```

```
['hallway',
 11.25,
 'kitchen',
 18.0,
 'chill zone',
 20.0,
 'bedroom',
 10.75,
 'bathroom',
 9.5,
 ['balcony', 4.5]]
```

```
areas=['hallway', 11.25, 'kitchen', 18.0, 'chill zone', 20.0, 'bedroom', 10.75, 'bathroom', 9
areas.remove('bedroom')
areas.insert(6,'children bedroom')



areas.reverse()
areas
```

```
      [['balcony', 4.5],
       9.5,
       'bathroom',
       10.75,
       'children bedroom',
       20.0,
       'chill zone',
       18.0,
       'kitchen',
       11.25,
       'hallway']
```

```
a=((1,"Aditi",88),(2,"Rao",88))

alist=list(a)
del alist[0]
alist
```

```
     [(2, 'Rao', 88)]
```

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