

#1

```
print("Cutie, Cutie, little girl, \n\t How I wonder what you are! \n\t\t Up above  
the world so high, \n\t\t Like a star in the sky. \nCutie, cutie, little  
girl,\n\t How I wonder what you are!")
```

```
Cutie, Cutie, little girl,  
    How I wonder what you are!  
        Up above the world so high,  
        Like a star in the sky.  
Cutie, cutie, little girl,  
    How I wonder what you are!
```

#2

```
people = ['Jack','Jim']  
Conversation = ["How are you today ?" , "I'm well Thank you and you?"]  
print(people[0] , ":", Conversation[0] , "\n", people[1] , Conversation[1])
```

```
Jack : How are you today ?  
Jim I'm well Thank you and you?
```

#3

```
square = 3**0.5  
tri = 8**(1/3)  
print('The squre root of 3.000 is {:.3f}'.format(square))  
print('The triple root of 8.000 is {:.3f}'.format(tri))
```

```
The squre root of 3.000 is 1.732  
The triple root of 8.000 is 2.000
```

#4

```
Temp = (100/5)*9+32
print("Temperature in 100 Celcius = {:.1f} Fahrenheit".format(Temp))
```

```
Temperature in 100 Celcius = 212.0 Fahrenheit
```

#5

```
tuple1 = ["Orange", (10, 20, 30), (5, 15, 25)]
print(tuple1[1][1])
print(tuple1[2][2])
```

```
20
25
```

#6

```
tuple1 = ('ab',78)
tuple2 = (99 , 'cd')
tuple1,tuple2 = tuple2,tuple1
print("From the original Tuple 1 = ('ab', 78 ) \n\t and Tuple2 = (99, 'cd') \nThe newly swapped tuples are:")
print("Tuple 1 =",tuple1)
print("Tuple 2=",tuple2)
```

```
From the original Tuple 1 = ('ab', 78 )
    and Tuple2 = (99, 'cd')
The newly swapped tuples are:
Tuple 1 = (99, 'cd')
Tuple 2= ('ab', 78)
```

#7

```
sample_dict = {
    'emp1': {'name': 'Jhon', 'salary': 7500},
    'emp2': {'name': 'Emma', 'salary': 8000},
    'emp3': {'name': 'Brad', 'salary': 6500}
}
sample_dict['emp2']['salary'] = 10000
print(sample_dict)
```

```
{'emp1': {'name': 'Jhon', 'salary': 7500}, 'emp2': {'name': 'Emma', 'salary': 10000}, 'emp3': {'name': 'Brad', 'salary': 6500}}
```