1. what is dictionary in python ? Explain with an example.

A dictionary is a collection which is unordered, changeable and indexed. In Python dictionaries are written with curly brackets, and they have keys and values.

A dictionary consists of a collection of key-value pairs. Each key-value pair maps the key to its associated value.

Example:

dict={'Name': 'Dia' , 'Age': 15}

2. what is dictionary in python ? Explain with an example.

A dictionary is a collection which is unordered, changeable and indexed. In Python dictionaries are written with curly brackets, and they have keys and values.

A dictionary consists of a collection of key-value pairs. Each key-value pair maps the key to its associated value.

Example:

dict={'Social': 80 , 'Science' : 95 , 'English' : 94}

```python
def sum_list(items):
    sum_numbers = 0
    for x in items:
        sum_numbers += x
    return sum_numbers
print(sum_list([10,30,50,-8]))
```

```python
n = 10
l = [{} for _ in range(n)]
print(l)
```

```python
num = {'English': 98,'Kannada':
100,'Hindi': 95,'Social':
99,'Science': 94}
print(list(num)[3])
```