Class - 4

1. A = [5, 4,3, 2,1]

   For i in [5,4,3,2,1]

   Print (i)

   2

   - for i in range (start,stop,step)
   - for i in range (10,100,1)
   - Print (i)
   - for i in range (100) stop >(here 0 will be start and here 1 will be stop)

3. Iterating over string

   Word = 'hello'

   For char in word:

   Print (char)

4. Cipertext

```python
plaintext = input("Put a message: ")

key = int(input("Put a key: "))

chiper = ""


for char in plaintext:
```

```python
        chiper += chr(ord(char) + key)



print("Encrypted message:", chiper)



message = ""

for char in chiper:

    message += chr(ord(char) - key)



print("Decrypted message:", message)
```

Dictionary:

```python
student_age = { "Alice": 25, "Bob": 30, "Charlie": 25 }

print(student_age)




for student in student_age:

    print(student)



for age in student_age.values():

    print(age)
```

```python
for student, age in student_age.items():

    print(student, age)
```

{'Alice': 25, 'Bob': 30, 'Charlie': 25}

Alice

Bob

Charlie

25

30

25

Alice 25

Bob 30

Charlie 25

5.Enumerate for use index