```
DATE 5/2023
Activity 2.101 write a program to illustrate iteration overtake light.
  Lift 1 = [10, 10.5, (Apple), 34, 47]
   length = len (lix(1)
   while (1):
       hount (1xxx xx Lost oteration xxx xx1)
        front ('1. Verng For doop')
        fromt ( '2. Using for with range )
        hant (3. Using whole!)
        front (1 4. Voing Lost comprehen
       point ('5. Using Enumeration')
       trant (16. Exit)
       m = int (infud ( Enter your ch
       if (m = = 1)
             fox 1 gu 1984 T:
           elf ( m == 2):
             for i'm songe (lengthe):
             of it ( un == 3);
             while is length:
             ([1] T HOY | pulse)
```

1 t=1

eli) (m== 4):

elif (m == 5):

Last (1) for 1 in red I

front (i, ",", val)

(1 thel) strements in law, is not

```
*****List Iteration
1. Using for Loop
2.using for with range
3. Using While
4. Using List Comprehen
5.Using Enumeratuoin
6.Exit
Enter the Choice: 2
10
10.5
Apple
34
47
*****List Iteration****
1. Using for Loop.
2. using for with range
3. Using While
4. Using List Comprehensi
5. Using Enumeratuoin
6.Exit
Enter the Choice:
```

```
print ( Exit from the program!)
 breaki
```

Activity 2.21) Welle a program to Illustrate Heration over the

d: { (Key 1': 1, (Key 2': 2, 'Key 3: 3}

from (u) (16) DOF / purel

Total (type (liA (d)))

whole (1)

Ham (1 *** DICTIONARY ITERATION ***)

hand (1. Through didionary Keys (1') mough didonary values()

front (3. Exit

e = 3nt (onfut (1 Entre Vano 1/1000))

Jos kin d. Keysl) keys

took (k)

hoint (d. Keys())

had not (type (d. key) fort (type (114 ld)

del ((== 2)

por u in d. values ():

hart (d. values()) fromt (type (d. val)

eld (c== 3):

v in d. Hems (

[key1', 'key2', 'key3'] <class 'list'>

*******DICTIONARY ITERATIO

Through Dictionary Keys()

2 Through Dictionary values() 3 Through Dictionary Items()

4 EXIT Enter your Choice: 2

dict_values([1, 2, 3])

*******DICTIONARY ITERATION***

Through Dictionary Keys() Through Dictionary values()

Through Dictionary Items()

Enter your Choice: