07-07-2025 Assignment

1.

n=6

M=7.5

Print(type(n+m))

o/p:float '13.5'

2.

s="welcome"

Print(s[0])

Print(s[-1])

Print(s[2:5])

3.

s1="hello "

S2="world"

Print(s1+s2)

4.

list is a collection of items that are ordered and heterogenous elements,mutable represent in []

Ex:l1=[2,3,3.3,"hello",[]]

List:

Ordered

Mutable

Allows dublicates

Represent in[]

Tuple:

Ordered

Immutable allows dublicates

Allows dublicates

Represent in()

5.

l1=[5,7,9,10,15,19]

Print(l1[::-1])

6.

t1=(1,2.5,"navya",4+5j)

Print(t1[0])

Print(t2[-1])

7.

t1=(1,3,5.5,"hello')

t1[3]="world"

Print(t1)

o/p: It error 'tuple' object does not support item assignment.

8.

dict1={navya:60,"divya":100,:lasya:150}

Print(dict1)

9.

dict1={ramu:98,ravi:89,Rahul:88}

Print(dict1[ramu])

10.

dict1={

"navya":98

"divya":99

"lasya":89

}

```
Print(dict1)

Print(dict1["divya"])

Dict1["divya']=88

Print(dict1)
```

11.

```
dict1={

"lasya":98;

"kanna":87,

"swathi":66

}

Print(dict1)

Print(dict1["lasya"])

dict1["kanna"]=76

print(dict1)

print(dict1[87])

o/p : it gives keyerror
```

12.

Dictionary allows duplicate 'Values' and 'Keys' it does not shows any error but in duplicate 'keys' it gives duplicate key value as output. It changes the Reference from original to Duplicate.

```
Dict1={

"abhi":76,

"Akhil":98,

"Mani":99,

"Ganesh":89

}

Print(dict1)
```

13

```
print(list(range(-34, 400, 17)))
```

O/p: [-34, -17, 0, 17, 34, 51, 68, 85, 102, 119, 136, 153, 170, 187, 204, 221, 238, 255, 272, 289, 306, 323, 340, 357, 374, 391]