21SE02ML006

Practical: Dictionary

```
>>> sampleDic={}
>>> print(sampleDic)
    {}
>>> sampleDic={1001:"a" , 1002:"b" , 1003:"c"}
>>> print(sampleDic)
    {1001: 'a', 1002: 'b', 1003: 'c'}
>>> print (type(sampleDic))
    <class 'dict'>
>>> #ths was creating a dictionary , now we weill see accessing the dictionary
>>> print(sampleDic[1001])
    a
>>> print(dl.get(1002))
    Traceback (most recent call last):
      File "<pyshell#7>", line 1, in <module>
        print(dl.get(1002))
    NameError: name 'dl' is not defined
>>> print(sampleDic.get(1002))
    b
>>> print(sampleDic.values())
    dict_values(['a', 'b', 'c'])
>>> sampleDic={1001:"a" , 1002:"b", 1003:"c", 1001:"d"}
>>> print(sampleDic)
    {1001: 'd', 1002: 'b', 1003: 'c'}
>>> sampleDic={1001:"a" , 1002:"b", 1003:"c", 1001:"d","contact":[54513,4366]}
>>> print(sampleDic)
    {1001: 'd', 1002: 'b', 1003: 'c', 'contact': [54513, 4366]}
>>> print(sampleDic['contact'])
    [54513, 4366]
>>> print(sampleDic['contact'][0])
    54513
>>> sampleDic[1001]="yuvi"
>>> print(sampleDic)
    {1001: 'yuvi', 1002: 'b', 1003: 'c', 'contact': [54513, 4366]}
>>> del sampleDic[1001]
>>> print(sampleDic)
    {1002: 'b', 1003: 'c', 'contact': [54513, 4366]}
>>> sampleDic.update({1002:"geet"})
>>> print (sampleDic)
    {1002: 'geet', 1003: 'c', 'contact': [54513, 4366]}
```

```
>>> sampleDic.clear()
>>> print(sampleDic)
    {}
>>> sampleDic={1001:"a" , 1002:"b", 1003:"c", 1001:"d"}
>>> copicDic=sampleDic.copy()
>>> print(copicDic)
    {1001: 'd', 1002: 'b', 1003: 'c'}
>>> del sampleDc
    Traceback (most recent call last):
      File "<pyshell#27>", line 1, in <module>
        del sampleDc
    NameError: name 'sampleDc' is not defined. Did you mean: 'sampleDic'?
>>> del sampleDic
>>> print (sampleDic)
    Traceback (most recent call last):
      File "<pyshell#29>", line 1, in <module>
        print (sampleDic)
    NameError: name 'sampleDic' is not defined
```