

SET-A

A) Given a nested list that is sorted

```
Lst=[  
    [25,27,30],  
    [33,35,39],  
    [40,41,42],  
    [70,72,73]  
]
```

Write a program to find a number from above list using binary search algorithm

B) Given an sorted list

```
Lst=[1,2,3,5,6,7]
```

Write a program to print first positive missing integer from list,with out using nested loop.

Output=4

c)Give a string

```
text="ABCDABCDAB"
```

print count of AB occurred in text using regular expression

D) Class Mobiles:

```
Data=[  
    {"id":100,"name":"galaxy","price":35000},  
    {"id":101,"name":"Mi 11","price":45000},  
    {"id":102,"name":"Iphone15","price":130000},  
    {"id":103,"name":"S23","price":100000},  
    {"id":104,"name":"neo","price":39000}  
]
```

Create methods for

- a)list all mobiles
- b)print details of specific mobile
- c)update a mobile
- d) delete a mobile