A)Given nested list that is sorted

Lst=[

[10,12,14,16],

[20,22,24,27],

[29,31,34,35],

[40,43,44,45]

]

Write a program to print the first list that contains a prime number.

Output=[29,31,34,35]

B) Given a pattern text="ABEABAIACB"

Write a program to print most recursive consonant from above text

Output=B

C)Given 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