QUIZ TIME.....!

Write a list comprehension for number and its cube for l=[1, 2, 3, 4, 5, 6, 7, 8, 9].

A. [x**3 for x in l]

B. [x^3 for x in l]

C. [x**3 in l]

D. [x^3 in l]

```
l1=[1,2,3]
l2=[4,5,6]
[x*y for x in l1 for y in l2]
```

a) [4, 8, 12, 5, 10, 15, 6, 12, 18]
b) [4, 10, 18]
c) [4, 5, 6, 8, 10, 12, 12, 15, 18]
d) [18, 12, 6, 15, 10, 5, 12, 8, 4]

Write the list comprehension to pick out only negative integers from a given list ‘l’.

a) [x<0 in l]
b) [x for x<0 in l]
c) [x in l for x<0]
d) [x for x in l if x<0]

```
s=["pune", "mumbai", "delhi"]

[(w.upper(), len(w)) for w in s]
```

a) Error
b) [‘PUNE’, 4, ‘MUMBAI’, 6, ‘DELHI’, 5]
c) [PUNE, 4, MUMBAI, 6, DELHI, 5]
d) [(‘PUNE’, 4), (‘MUMBAI’, 6), (‘DELHI’, 5)]

```
aList = [1, 2, 3, 4, 5, 6, 7]
pow2 =  [2 * x for x in aList]
print(pow2)
```

- [2, 4, 6, 8, 10, 12, 14]
- [2, 4, 8, 16, 32, 64, 128]

```
aList = [4, 8, 12, 16]
aList[1:4] = [20, 24, 28]
print(aList)
```

1. [4, 20, 24, 28, 8, 12, 16]
2. [4, 20, 24, 28]

```
aList = [4, 8, 12, 16]
aList[1:4] = [20]
print(aList)
```

1. [4, 20, 24, 28, 8, 12, 16]
2. [4, 20, 24, 28]
3. [4, 20, 20, 20]
4. [4, 20]

```
my_list = ["Hello", "Python"]
 print("-".join(my_list)
```

1. HelloPython-
2. Hello-Python
3. -HelloPython

```
list2 = ["kaula", "kzla", "kayla", "kwala"]
max(list2)
```

1. kaula
2. kzla
3. kayla
4. kwala

```
sampleList = [10, 20, 30, 40]
del sampleList[0:6]
print(sampleList)
```

1. []
2. list index out of range.
3. [10, 20]

```
resList = [x+y for x in ['Hello ', 'Good '] for y in
['Dear', 'Bye']]
 print(resList)
```

1. [‘Hello Dear’, ‘Hello Bye’, ‘Good Dear’, ‘Good Bye’]

2. [‘Hello Dear’, ‘Good Dear’, ‘Hello Bye’, ‘Good Bye’]