

# ASSIGNMENT- 1

## Python Programming

Assignment Date	29 September 2022
Student Name	Vijayalakshmi.K
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Maximum Marks	2 marks

### Questions-1:

write a python program to create & display all combinations of letters, selecting each letter from a different key in a dictionary.

```
1 import itertools
2 d={'1':['a','b'], '2':['c','d']}
3 for combo in itertools.product(*[d[k] for k in sorted(d.keys())]):
4     print("".join(combo))
```

### OUTPUT

```
ac
ad
bc
bd
```

### Question-2:

Write a python program to print a nested lists(each list on a new line) using the print()function.

```
1 nums=[['one'],['two'],['three']]
2 print('/n'.join(str(lst) for lst in nums)))
```

### Question-3:

### Output

```
['one']
['two']
['three']
```

Write a python program to iterate over two lists simultaneously.

```
1 Num1=[1,2,3]
2 colors=['red','white','block']
3 for (a,b) in zip(num1, colors):
4     print(a,b)
```

#### OUTPUT

```
1 red
2 white
3 black
```

#### Question-4:

```
1 f=open ("text.txt",'w')
2 str=input('enter the Text:')
3 f.write(str)
4 f.close
```

#### OUTPUT

Enter the text: VRB