

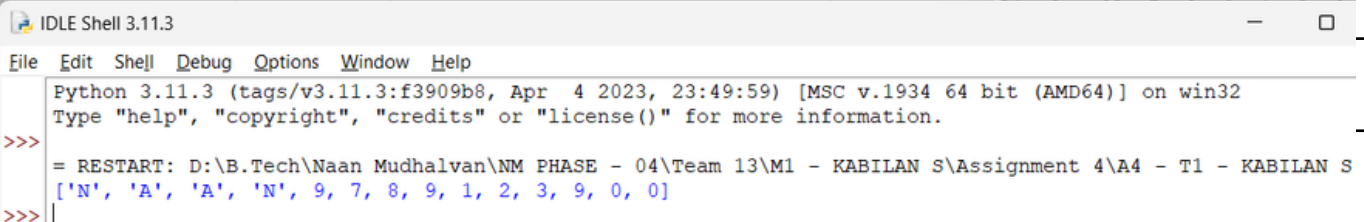
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	ASSIGNMENT - 4

**Task
- 1**

Create two list and join those two list.

Coding:

```
list1 = ["N", "A", "A", "N"]
list2 = [9, 7, 8, 9, 1, 2, 3, 9, 0, 0]
list1.extend(list2)
print(list1)
```




IDLE Shell 3.11.3

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Python 3.11.3 (tags/v3.11.3:f3909b8, Apr 4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
= RESTART: D:\B.Tech\Naan Mudhalvan\NM PHASE - 04\Team 13\M1 - KABILAN S\Assignment 4\A4 - T1 - KABILAN S
['N', 'A', 'A', 'N', 9, 7, 8, 9, 1, 2, 3, 9, 0, 0]
>>>
```

Task - 2	With if statement find the even numbers.
Coding:	
list3=list1.extend(list2)	
for n in list1:	
Output:	

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Python 3.11.3 (tags/v3.11.3:f3909b8, Apr 4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32
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>>> = RESTART: D:\B.Tech\Naan Mudhalvan\NM PHASE - 04\Team 13\M1 - KABILAN S\Assignment 4\A4 - T2 - KABILAN S.py
 2 4 8 2 6 0
 >>>

Ln: 6 Col: 0

Task - 3	Create a Dictionary with 3 keys and 2 values for each key
Coding:	
K = {'K':[99, 89], 'L':[31, 12], 'M':[39, 9]} print(k)	
Output:	

```

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File Edit Shell Debug Options Window Help
Python 3.11.3 (tags/v3.11.3:f3909b8, Apr  4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: D:\B.Tech\Naan Mudhalvan\NM PHASE - 04\Team 13\M1 - KABILAN S\Assignment 4\A4 - T3 - KABILAN S.py
{'K': [99, 89], 'L': [31, 12], 'M': [39, 9]}
>>>

```

Task - 4	Create a function with if statement which is used to find the odd numbers
---------------------	--

Coding:

```
dictionary.items()}
```

```
dictionary = {'K':[99, 89], 'L':[31, 12], 'M':[39, 9]}
```

Output:

IDLE Shell 3.11.3

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Python 3.11.3 (tags/v3.11.3:f3909b8, Apr 4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32

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>>>

= RESTART: D:\B.Tech\Naan Mudhalvan\NM PHASE - 04\Team 13\M1 - KABILAN S\Assignment 4\A4 - T4 - KABILAN S.py

```
{'K': [99, 89], 'L': [31], 'M': [39, 9]}
```

>>>

Task - 5	list. Sample List : (8 2 3 0 7)
Coding:	
list = [8,2,3,0,7] print(sum(list))	
Output:	

Python Shell 3.11.3

File Edit Shell Debug Options Window Help

Python 3.11.3 (tags/v3.11.3:f3909b8, Apr 4 2023, 23:49:59) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>> = RESTART: D:\B.Tech\Naan Mudhalvan\NM PHASE - 04\Team 13\M1 - KABILAN S\Assignment 4\A4 - T5 - KABILAN S.py
20
>>> |

Ln: 6 Col: 0