

Assignment - 4

▼ Task 1

```
list1 = [11, 12, 13, 14]
list2 = [15, 16, 17, 18]
new_list = list1 + list2
print(new_list)
```

```
[11, 12, 13, 14, 15, 16, 17, 18]
```

▼ Task 2

```
numbers = [11, 12, 13, 14, 15, 16, 17, 18]
even_list = []
for num in numbers:
    if num % 2 == 0:
        even_list.append(num)
print(even_list)
```

```
➦ [12, 14, 16, 18]
```

▼ Task 3

```
keys = ['k1', 'k2', 'k3']
values = [[11, 12], [13, 14], [15, 16]]
my_dict = {}
for i in range(len(keys)):
    my_dict[keys[i]] = values[i]
print(my_dict)
```

```
{'k1': [11, 12], 'k2': [13, 14], 'k3': [15, 16]}
```

▼ Task 4

```
def findOdd(numbers):
    odds = []
    for num in numbers:
        if num % 2 != 0:
            odds.append(num)
    return odds

numbers = [11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
print(findOdd(numbers))
```

```
[11, 13, 15, 17, 19]
```

▼ Task 5

```
def sumList(lists):
    total = 0
    for num in lists:
        total += num
    return total
lists = [11, 12, 13, 14, 15]
print(sumList(lists))
```

```
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```