## task 1

## remove duplicates

```
In [1]: a=[2,3,4,2,3,4,8,9,12,"apple",'Apple']
```

```
In [2]: type(a)
```

```
Out[2]: list
```

```
In [3]: a=set(a)
```

```
In [4]: type(a)
```

```
Out[4]: set
```

```
In [5]: a
```

```
Out[5]: {12, 2, 3, 4, 8, 9, 'Apple', 'apple'}
```

```
In [6]: a=list(a)
```

```
In [7]: a
```

```
Out[7]: [2, 3, 4, 8, 9, 12, 'Apple', 'apple']
```

## task 2 # while slicing add extra in end

```
In [8]: b='i need an apple'
```

```
In [9]: b[10:16]
```

```
Out[9]: 'apple'
```

## task 3

```
In [10]: def task3 (num1,num2):
             if num1 and num2 % 2 == 0:
                 A=num1+num2
                 print(A, "is even")
                 return A
             else:
                 A=num1*num2
                 print(A, "is odd")
                 return A
```

```
In [11]: task3 (4,6)
```

```
10 is even
```

```
Out[11]: 10
```

```
In [12]: task3 (3,5)
```

```
15 is odd
```

```
Out[12]: 15
```

```
In [13]: task3 (2,1)
```

```
2 is odd
```

```
Out[13]: 2
```

```
In [14]: task3 (12,20)
```

```
32 is even
```

```
Out[14]: 32
```

## task 4

```
In [15]: import task3
```

```
In [16]: task3.task3(3,5)
```

```
15 is odd
```

```
Out[16]: 15
```

```
In [18]: task3.task3(6,4)
```

```
10 is even
```

```
Out[18]: 10
```

## task 5

```
In [17]: d=1
         s=8
         while d<11:
             print(d,'*',s,'=',d*s)
             d=d+1
```

```
1 * 8 = 8
2 * 8 = 16
3 * 8 = 24
4 * 8 = 32
5 * 8 = 40
6 * 8 = 48
7 * 8 = 56
8 * 8 = 64
9 * 8 = 72
10 * 8 = 80
```

## thank you sir

```
In [ ]:
```

```
In [ ]:
```

```
In [ ]:
```

```
In [ ]:
```