

Assignment no 1

1.2 list with some brand names and arrange them. In Ascending order

CODE :

```
Cadbury=['fruit and nut','slik','dark chocolate ','oreo']
```

```
print ("List of Cadbury products" , Cadbury)
```

```
Nestle=['milky bar','kitkat','munch','coffe']
```

```
print ("List of Nestle products ", Nestle)
```

```
print ("Ascending order" , sorted(Cadbury))
```

```
print ("Ascending order", sorted (Nestle))
```

OUTPUT :

```
Shell Clear
List of Cadbury products ['fruit and nut', 'slik',
    'dark chocolate ', 'oreo']
List of Nestle products ['milky bar', 'kitkat',
    'munch', 'coffe']
Ascending order ['dark chocolate ', 'fruit and nut',
]      'oreo', 'slik']
Ascending order ['coffe', 'kitkat', 'milky bar',
    'munch']
> |
```

2. Overlapping the list

CODE :

```
a = ['adidas','nick','pooma','fila','bata','skechers']
```

```
b = ['reebock','cr7','nick','bata']
```

```
list(set(a) & set(b))
```

OUTPUT :

```
Shell

['bata', 'nick']
> |
```

3. Range with even number starting from 20 to 40 with steps of 2

CODE :

```
num=range(20,40,2)
```

```
for i in num:
```

```
    if i % 2 == 0:
```

```
        print(i)
```

OUTPUT :

main.py		Run	Shell
1			20
2	num=range(20,40,2)		22
3	for i in num:		24
4			26
5	if i % 2 == 0:		28
6			30
7	print(i)		32
			34
			36
			38
			>