

In [2]:

```
a=[i*i for i in range(1,11) if i%2!=0]
print(a)
```

```
[1, 9, 25, 49, 81]
```

In [3]:

```
c=["siva","sai","aswin","balaji","vasanth"]
b=[[i,len(i)] for i in c if len(i)>4]
print(b)
```

```
[['aswin', 5], ['balaji', 6], ['vasanth', 7]]
```

In [4]:

```
d={}
print(d)
print(type(d))
```

```
{}
```

```
<class 'dict'>
```

In [5]:

```
d1={20,40,55,67,89}
print(d1)
print(type(d1))
```

```
{67, 20, 55, 40, 89}
```

```
<class 'set'>
```

In [6]:

```
d2={"siva":10,"aswin":30,"deva":40}
print(d2)
print(type(d2))
```

```
{'siva': 10, 'aswin': 30, 'deva': 40}
```

```
<class 'dict'>
```

In [7]:

```
print(d2["siva"])
```

```
10
```

In [8]:

```
print(d2["deva"])
```

```
40
```

In [9]:

```
d3=dict(name="siva",course="csc",mobno="8978976878")
print(d3)
```

```
{'name': 'siva', 'course': 'csc', 'mobno': '8978976878'}
```

In []: