while or do while

```
 while condition:
     ...
```

In [4]:
```python
i = 0
d = []
while i < 5:
    # indentation
    d.append(str(i))
    i += 1

print(' '.join(d))
```

```
0 1 2 3 4
```

write a program that create 100 random number in list

- write a while loop such that if you found any divible by 5 break the loop else you the values in a list

In [5]:
```python
import random
rand = []
for i in range(100):
    num = random.randint(0,100)
    rand.append(num)

print(rand)
```

```
[82, 87, 32, 58, 40, 18, 28, 14, 1, 17, 46, 20, 26, 45, 5, 21, 72, 16, 74, 80,
86, 65, 59, 54, 11, 55, 12, 32, 21, 41, 40, 17, 43, 78, 10, 76, 70, 62, 56, 45,
66, 66, 22, 93, 63, 48, 67, 10, 74, 71, 33, 74, 16, 56, 94, 100, 41, 80, 97, 8
1, 15, 2, 74, 34, 19, 24, 14, 6, 57, 24, 98, 27, 17, 12, 99, 1, 6, 51, 59, 68,
35, 20, 69, 39, 26, 89, 0, 90, 42, 78, 79, 89, 54, 55, 17, 87, 64, 8, 85, 42]
```

In [8]:
```python
i = 0
values =[]
while i < len(rand):
    if rand[i] % 5 == 0:
        break
    else:
        values.append(rand[i])

    i +=1
print(values)
```

```
[82, 87, 32, 58]
```

In [ ]: