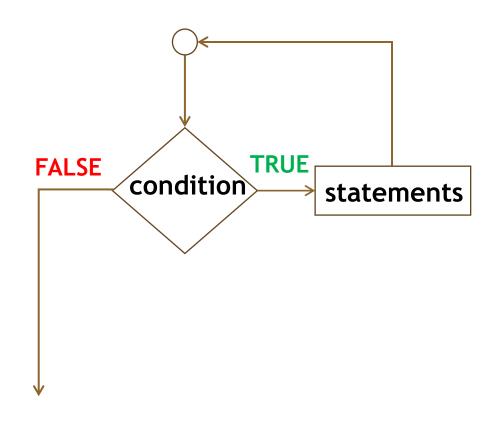


```
while ( condition )
{
    /* statements
    ... */
```

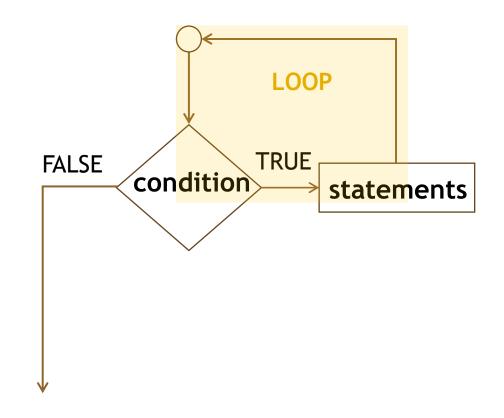
while

```
while ( condition )
{
    /* statements
    ... */
}
```



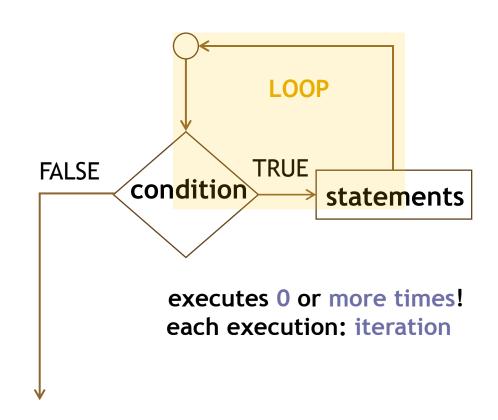
while

```
while ( condition )
{
    /* statements
    ... */
}
```



while

```
while ( condition )
{
    /* statements
    ... */
}
```



```
while ( condition ) initialize the loop control variable
{
    /* statements
    ... */
}
```

```
i = 0;
while ( i <= 10) initialize the loop control variable
{
    /* statements
    ... */
}</pre>
```

```
i = 0;
while ( i <= 10)
{
    /* statements
    ... */
    i +=1;
    update the loop control variable
}</pre>
```

while

```
while (condition)
{
   if (condition)
      continue;
}
```

skips the rest of the loop & continues to next iteration

while

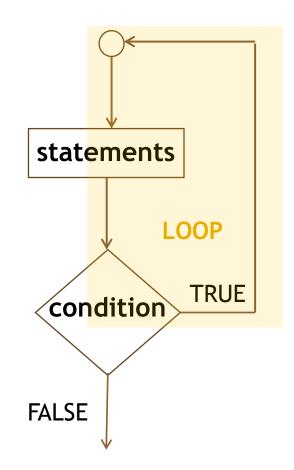
```
while (condition)
{
   if (condition)
      continue;
}
```

skips the rest of the loop & continues to next iteration

```
while ( condition )
    if (condition)
         break;
// statements below
// while loop
      terminates the loop
```

```
do - while
```

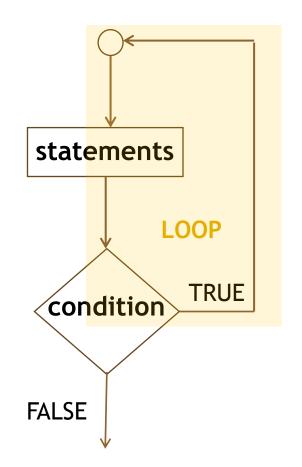
```
do
{
    /* statements
    ... */
} while ( condition )
```



```
do - while

do
{
    /* statements
    ... */
} while ( condition )
```

executes 1 or more times!



for

```
for ( i = 1; i < n; i++) Equal to while
{
    /* statements
    ... */
}</pre>
```

```
test
initialize condition update

for ( i = 1; i < n; i++)
{
    /* statements
    ... */
}</pre>
```