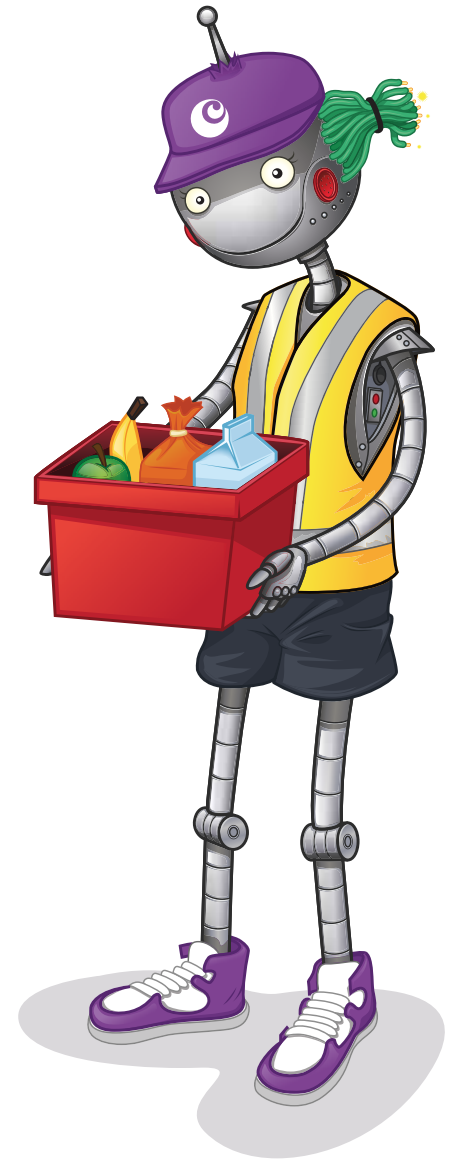


Repeat  
until at  
destination



Repeat  
while not at  
destination



procedure



# function



increase



# increment



## Moving the van

v.move\_forwards()

v.turn\_left()

v.turn\_right()

v.turn\_around()



**Van waits**

v.wait()





**Repeat loop for a number n of repeats-**

for number in range(n):

instructions for the repeat loop  
indented 4 spaces



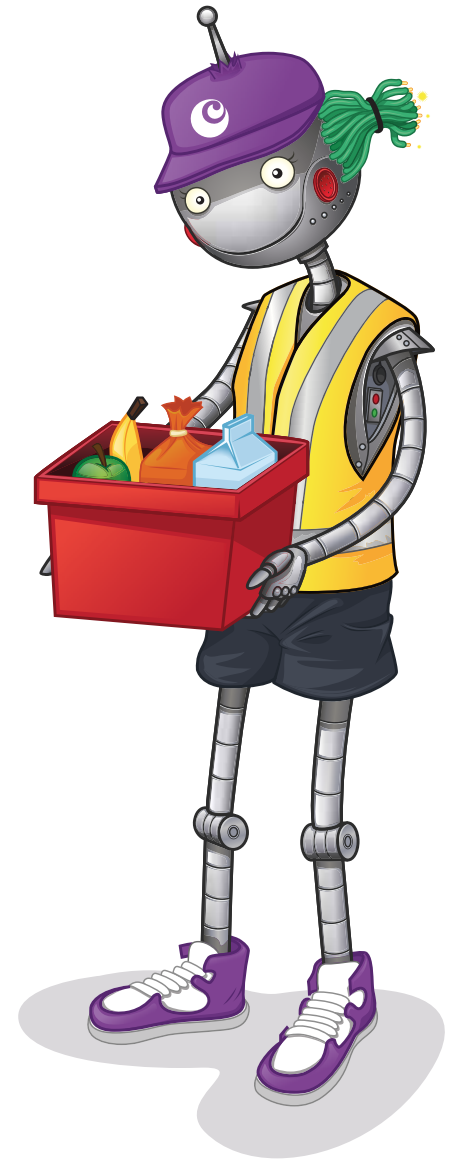
## If statements with conditions

```
if ____:  
elif ____:  
else ____:
```



## Conditional repeat loop -

```
while not v.at_destination():
```



**Create a procedure called procedurename**

```
def procedurename():
```

```
    instructions for procedure  
    (indented 4 spaces)
```

**Call a procedure called procedurename**

```
procedurename()
```



## Printing a message in the Python pane

```
print ('your message')
```



## Creating your own variables-

create a variable,  
give it a value e.g.

$n = 1$

change its value

$n = n + 1$



## Mathematical operators

Plus

+

Minus

-

Multiplied by

\*

Divided by

/

