

## 365 DataScience While-loops in Python

### Step 1 Construct the while-loop

*# Create a list to store the ages of students in a class*

```
ages = []
```

*# Ask the user to input the age of the first student in the class*

```
user_input = int(input('Please, enter the age of the first class member.  
Type -1 to exit. >>> '))
```

*# Loop until the value of 'user\_input' becomes negative.*

```
while user_input > 0:
```

*# Append the age to the list of ages*

```
ages.append(user_input)
```

*# Ask the user to input the next age*

```
user_input = int(input('Enter the age of the next class member: >>>  
''))
```

*# Print out the ages of all students in the class*

```
print(f'The ages are: {ages}')
```

Start your 365 Journey!