

LEARN CODING

ale66

SOLUTIONS TO EXERCISES

COLLABORATIVE CODING (PAIR CODING)

Get the VS Code extension:

Live Share

(experimental) Sign in with your uni account as if it were Microsoft

create and share tokens to work on the same file (via third-party hosting)

EXERCISE, A

```
1 teams = ['Chelsea FC', 'Arsenal FC', 'Crystal Palace FC', 'West Ham FC']
```

print out the club names without the **FC** suffix

EXERCISE, A: SOLUTION

```
1 teams = ['Chelsea FC', 'Arsenal FC', 'Crystal Palace FC', 'West Ham FC']  
2  
3 for t in teams:  
4     print(t[:-3])
```

Chelsea

Arsenal

Crystal Palace

West Ham

The `:` notation: nothing is the same as the extreme:

`t[0:]` is the same as `t[:]` and `t`

EXERCISE, B

Print available fruits but not bananas

```
1 fruits = ['apple', 'banana', 'cherry', 'blackcurrant']
```

hint: use `continue`

type it then hover on it to get VS Code help

EXERCISE, B: SOLUTION

Print available fruits but not bananas

```
1 fruits = ['apple', 'banana', 'cherry', 'blackcurrant']
2
3 for f in fruits:
4     if f == 'banana':
5         continue # do nothing
6     else:
7         print(f)
```

apple

cherry

blackcurrant

EXERCISE, B: ALTERNATIVE SOLUTION

```
1 fruits = ['apple', 'banana', 'cherry', 'blackcurrant']  
2  
3 for f in fruits:  
4     if f != 'banana':  
5         print(f)
```

apple

cherry

blackcurrant

EXERCISE, C

Print available fruits but stop as soon as you find bananas

```
1 fruits = ['apple', 'banana', 'cherry', 'blackcurrant']
```

hint: use **break**

EXERCISE, C: SOLUTION

Print available fruits but stop as soon as you find bananas

It should only print **apple**

```
1 fruits = ['apple', 'banana', 'cherry', 'blackcurrent']
2
3 for f in fruits:
4
5     if f == 'banana':
6         break # jump out of the iteration
7
8     else:
9         print(f)
```

apple