

Summer School 2018 | Block 1 | Coding Boot Camp

2--13 July 2018

Week 1.

Slot 1, 9:30--11:00

Slot 2, 11:30--12:30

12:30--13:30

Slot 3, 13:30--14:30

Slot 4, 15:00—16:00

Monday 2 July	Introduction	Using the console and starting a program (lab)
Tuesday 3 July	Variables (lecture)	Pair work
Wednesday 4 July	Functions (lecture)	Pair work
Thursday 5 July	Conditionals (lecture)	Pair work
Friday 6 July	Arrays and lists (lecture)	Pair work

Lunch

Lunch

Lunch

Lunch

Lunch

What is an algorithm?	First words in Python (lab)
Data and code in programs (lecture)	Pair work
Computers and programs (lecture)	Pair work
Loops (lecture)	Pair work
Pair work	Pair work

Summer School 2018 | Block 1 | Coding Boot Camp

2--13 July 2018

Week 2.

Slot 1, 9:30--11:00

Slot 2, 11:30--12:30

12:30--13:30

Slot 3, 13:30--14:30

Slot 4, 15:00—16:00

Monday 9 July	Recursion (lecture)	Pair work
Tuesday 10 July	Finding errors (lecture)	Pair work
Wednesday 11 July	File access (lecture)	Pair work
Thursday 12 July	Displaying results and graphs (lecture)	Pair work
Friday 13 July	Pair work	Pair work

Lunch

Lunch

Lunch

Lunch

Lunch

Recursion (lecture)	Pair work
Testing (lecture)	Pair work
File formats and data encoding (lecture)	Pair work
Interactivity (lecture)	Pair work
Group presentations	