

Lesson 7: Selection challenge

What is the purpose of each of the following operators?

==

>

<

!=

<=

>=

What does each comparison operator do?

`==` Equal to

`>` More than

`<` Less than

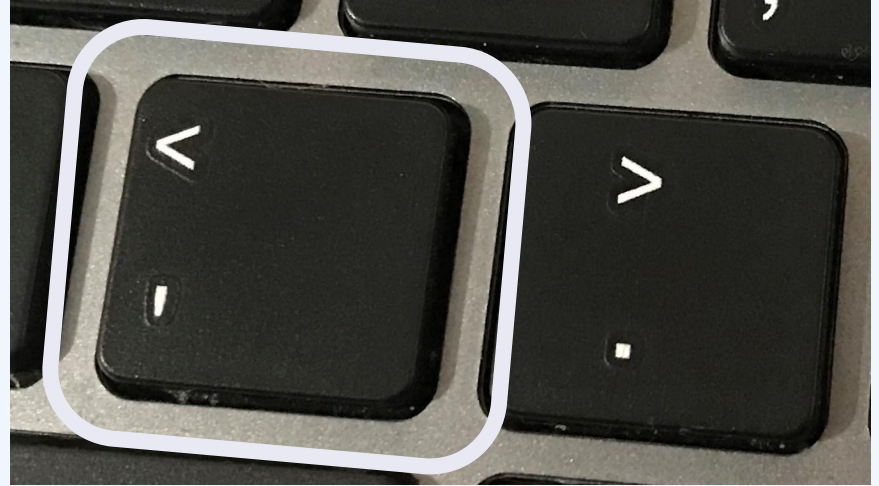
`!=` Not equal to

`<=` Less than or equal to

`>=` More than or equal to

How to remember less than and more than

Less than is on the **left** on a typical keyboard.





Lesson 9: Selection challenge

In this lesson, you will:

- Use selection statements in a program
- Identify when selection statements should be used in programs
- Write and use expressions that use comparison operators (equal to, not equal to, less than, greater than, less than or equal to, greater than or equal to)

The joke machine

For the next activity you will be doing some pair programming.

This is where you work in pairs and each member is assigned the role of either the **driver** or the **navigator**.

The driver's role is to control the keyboard and mouse, and type the code into the correct places.



The joke machine

The navigator's role is to help the driver by watching for any mistakes, reading the instructions to the driver, and seeking support if needed.

Both partners must contribute equally.

There will be opportunities to **swap roles** throughout the activity.



The joke machine

Use the worksheet to guide you through the pair programming activity.

Switch **driver** and **navigator** roles every **five minutes**.



Solve the anagrams

These are all key words that have been used so far in this unit.

TEENSLIOC

TOCODIINN

WOLF RACHT

RIVEBALA

TORNASLTRA

Explorer task

Can you write a definition for any of the words?

Solve the anagrams

These are all key words that have been used so far in this unit.

SELECTION

CONDITION

FLOW CHART

VARIABLE

TRANSLATOR

Explorer task

Can you write a definition for any of the words?

Next lesson

In this lesson, you...

Practised using selection by creating a joke machine in pairs

Next lesson, you will...

Learn about Boolean operators and how these can be used in conditions