



# Activity 1:

Create an array that lists your favourite films, up to 5 elements.

Add 2 more using a method.

Use a loop to cycle through the array

# Activity 2:

Generate **6 random numbers** between 1-50

JS

# Activity 3:

If we can create a loop to put 0-9 on the screen,  
how **can we count from 9-0?**

# Activity 4:

Displays 4 films stored in an array.

Use a **for loop** to show each film in the array.

Use an **if statement** to check if the 3rd film in the array is Ghostbusters.

If it is, return "Yay it's Ghostbusters". If it isn't return "Boo! we want Ghostbusters!"

JS

# Activity 5:

Create a variable, generate a random number between 1 and 30 six times, each random number generated, check if this number is divisible by 7 or not.

JS

# Activity 6:

JS

Imagine you're a programmer for a social media platform! You have been tasked with building a prototype for a mutual followers program.

> Create 2 arrays of followers e.g. bobsFollowers & hannahsFollowers. In these arrays place 4 names as strings. Make sure there are 2 names that are in **BOTH** arrays.

> Using a **nested loop** iterate over both arrays and console.log out the matching follower.

# Activity 7:

JS

Research on **do...while** loop, find out about the difference between for loop, while loop and do...while loop. Give an example of each. What are the pros and cons?