

SECTION 6: METHODS AND FUNCTIONS, 2 hours 54 mins, 30 parts

• 18/29 Coding Exercise 17: Functions #8: *args

The screenshot shows a coding exercise interface. On the left, a sidebar titled 'Instructions' contains the text: 'Functions #8: *args', 'Define a function called **myfunc** that takes in an arbitrary number of arguments, and returns the **sum** of the', 'Re', 'run', 'sim', 'de', 'For'. The main area shows a code editor with the file 'exercise.py' containing two lines of Python code:

```
1 def myfunc(*args):  
2     return sum(args)
```

 Below the code editor are buttons for 'Run tests' and 'Run code', and a status bar indicating 'All changes saved | Line 2, Column 21'. A 'Result' section shows a 'Success' message with a confetti icon. A modal dialog box is overlaid on the interface, stating: 'You've just experienced our new Coding Exercise design 🎉', 'Let us know what you think from Share feedback link.', and a 'Dismiss' button. On the right, a 'Test result' section shows a green checkmark and the text 'Your code passed this test'.

- -> we've defined a function which takes an unlimited amount of arguments, sums them then returns them
- -> think of * as representing all of the possible arguments -> all of the arguments (there are an unlimited amount of arguments in the definition of this function)