Week 5: Unit Test How To Test a Function: To test a function import it to a new file used for testing I want to test a function used in calculator. Dy I will make a new file called test \_ calcillater. Py and in this new file at the top i will import it like so from Calculator import square being the name of the function I'm testing then make new functions to test specific parts of the original function for instance to test the original function that squeres a number, You can test for positive numbers, negative numbers, and anomalies such as zero. def test\_positive (): ··· asser+ square (2) = = 4 ··· assert square (3) = = 9 def test\_negative (): ... assert square (-2) ==4 · · · · assert square (-3) == 9 det test\_anomolies (): ... assert square (0) == 0 Assert - Used to claim something is true, Above I am asserting (or saying) the square of 2 is 4. If I asserted the square 6+ 2 is 5 and my original function disagrees or does not output 5 when 2 is entered, it will throw an Assertion Error. Pytest - From this point you can run the Program using pytest And it will do the rest for you

Pytest test\_ Calculater, Py

det test skil): ... with pytest. raises (TypenError): en ever To do so import Dyjest at the top of your test code and add a function for testing strings or other errors るとないないというというかのからいというというという import pytest 10. Showe ("cata), ... Tytest for Exception On In the of its in とっているからいない