# Programming Assignment: Residual Networks

You have not submitted. You must earn 60/100 points to pass.

**Deadline** Pass this assignment by Feb 12, 11:59 PM +06

Work in Browser

Instructions My submissions

Welcome to the second assignment of Course 4 in the Deep Learning Specialization! In this assignment, you'll be building a very deep convolutional network, using Residual Networks (ResNets). In theory, very deep networks can represent very complex functions; but in practice, they are hard to train. Residual Networks allow you to train much deeper networks than were previously feasible.


Instructions:

- Do not use loops (for/while) in your code, unless the instructions explicitly ask you to do so.

- Some code blocks contain graded functions, where you'll be expected to write some code. These are marked at the top of the block by a #GRADED FUNCTION comment, and you'll write your code in between the ### START SOLUTION HERE ### and ###END SOLUTION HERE### comments. Also, look for another comment that indicates roughly how many lines of code it will take to complete. After coding your function, run the cell right below it. This cell checks whether your results are correct, and cannot be modified.

When you run that cell and see the following:

"All tests passed."

...You're in good shape. :)

Take your time to complete this assignment! After you are done, submit your work and check your results. You need to score 70% to pass. Good luck! :)

Click on "My Submission" above to see your grades. It might take up to one minute for the graders to process your submission. You will see the point breakdown of your assignment, along with the grader feedback.