Ex10: Neural Networks for Planar Data Classification

In this assignment, you will build your first neural network, which will have a hidden layer. You will see a big difference between this model and the one you implemented using logistic regression.

You will learn to

- Implement a 2-class classification neural network with a single hidden layer
- Use units with a non-linear activation function, such as tanh
- Compute the cross entropy loss
- Implement forward and backward propagation

Instructions:

- **Fill in the code blocks of Python script `ex10.py` that are marked with `### START CODE HERE ###` and `### END CODE HERE ###`.** The detailed instructions are specified as comments in `ex10.py`.
- Do not use loops (for/while) in your code, unless the instructions explicitly ask you to do so.