

## Feedback

### Exercise 1

I think you fundamentally misunderstood the exercise, since you only provided specific values for the weights/biases and not how to set them for an arbitrary vertex (at least it seems like it) so I can't really write any feedback on how to fix this...

The rest of the exercise (classification) is missing.

### Exercise 2

Compared to the author's solution, it doesn't consume the biases but instead multiplies two layers to show that they can be merged into one, which is also correct (we can repeat this until we merge all layers).

### Exercise 3

Team provided the `.html` and the `.ipynb` files, but they are not actually that – both are just a Python script that combines all the cells into one file. If this is intentional, **!!!PLEASE DO NOT DO IT THIS WAY IN THE FUTURE!!!** since it greatly complicates both feedback and evaluation (I have to run the code to confirm that it works and also can't easily comment the appropriate sections).

If this is a bug, tutors should be contacted.

### ReLU Layer

- forward: same
- backward: seems wrong, sign should be used instead (if you want to use `self.input` like this)

### Output Layer

- forward: correct but doesn't subtract maximum so is numerically less stable
- backward: same

### Linear Layer

- forward: same
- backward: same

### MLP

- backward: same