# Hometask №1

## Problem №1

Import the *nn* module and inside the **create_model** function build a neural network of three linear layers that sequentially display data in intermediate (hidden) representations of dimensions 256, 16 and 10. Don't forget about bias.

The source data has dimension 784. Use ReLU as activation functions.

## Problem №2

Implement a function to count the number of parameters in the model.

It takes a model as input, returns a single number as output - the number of parameters in the model. Several tests below are available for your convenience.

Copy the **count_parameters** function to HW02.py for later submission. Send HW02.py to Yandex.Contest.