

# Initializing The Model

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Project Name	AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSISASTS

Keras has 2 ways to define a neural network:

- Sequential
- Function API

The Sequential class is used to define linear initializations of network layers which then, collectively, constitute a model. In our example below, we will use the Sequential constructor to create a model, which will then have layers added to it using the add() method.

1. The `assignment01` package is currently empty, but don't let that bother you. Right (control) click on `assignment01` and create a new class.
2. Type the name `Nutrition` in the `Name:` field (please use `Nutrition`, capitalized and spelled correctly)
3. Click the box that says `public static void main(String[] args)`
4. Click the `Finish` button, which will create the new file