<p style="text-align:center">With L2 Regularization:</p>

1. Code Changes:

    a. Added the object l2_lambda = 1e-5 to the setup_training_parameters() function, and then added this object as a parameter to the Adam() function:

    ```
    l2_lambda = 1e-5   # L2 Regularization factor

    optimizer = optim.Adam(model.parameters(), lr=learning_rate,
    weight_decay=l2_lambda)
    ```

2. Output: