**Lab 10: Review**

**Solve the problem of lab 9 using RF**

**Uses only first 2 features: sepal length and sepal width**

**Filters to Setosa vs Versicolor (labels 0 and 1)**

**Defines a custom Gym environment**

**Implements a Q-learning agent**

**Uses KMeans clustering to discretize continuous input space**

**Tracks and plots:**

* **Total rewards per episode**
* **Precision and recall**

**Step-by-step setup to run the code locally in VS Code or Jupyter:**

**✅ 1. Install required packages**

Open your terminal and run:



Please open the file to continue it.