```
122        #   as y_pred[i].   Break ties by choosing the smaller label.
123        # ============================================================= #
124
125        neighborsy = sorted(self.y_train[np.argsort(dists[i])[:k]]) #get the nearest k neighbors based on the distance sort
126        y_pred[i] = max(set(neighborsy), key = neighborsy.count)
127
128        # ============================================================= #
129        # END YOUR CODE HERE
130        # ============================================================= #
131
132        return y_pred
```