**Part 1.1**

Accuracy for hidden size 2: 44.09%



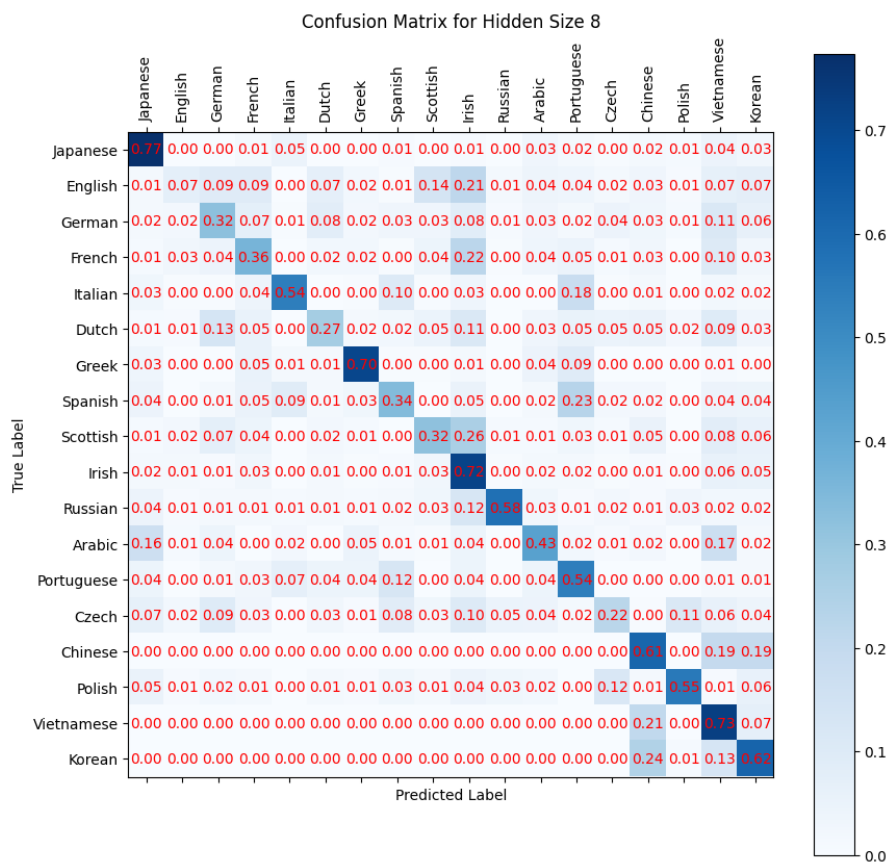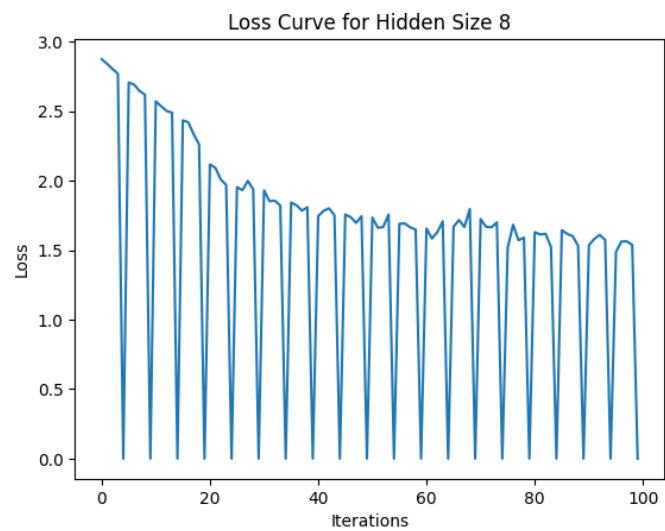Loss Curve for Hidden Size 8



Confusion Matrix for Hidden Size 2

# Accuracy for hidden size 8: 45.42%

## Loss Curve for Hidden Size 8



## Confusion Matrix for Hidden Size 8

# Accuracy for hidden size 32: 57.24%



Loss Curve for Hidden Size 32



Confusion Matrix for Hidden Size 32
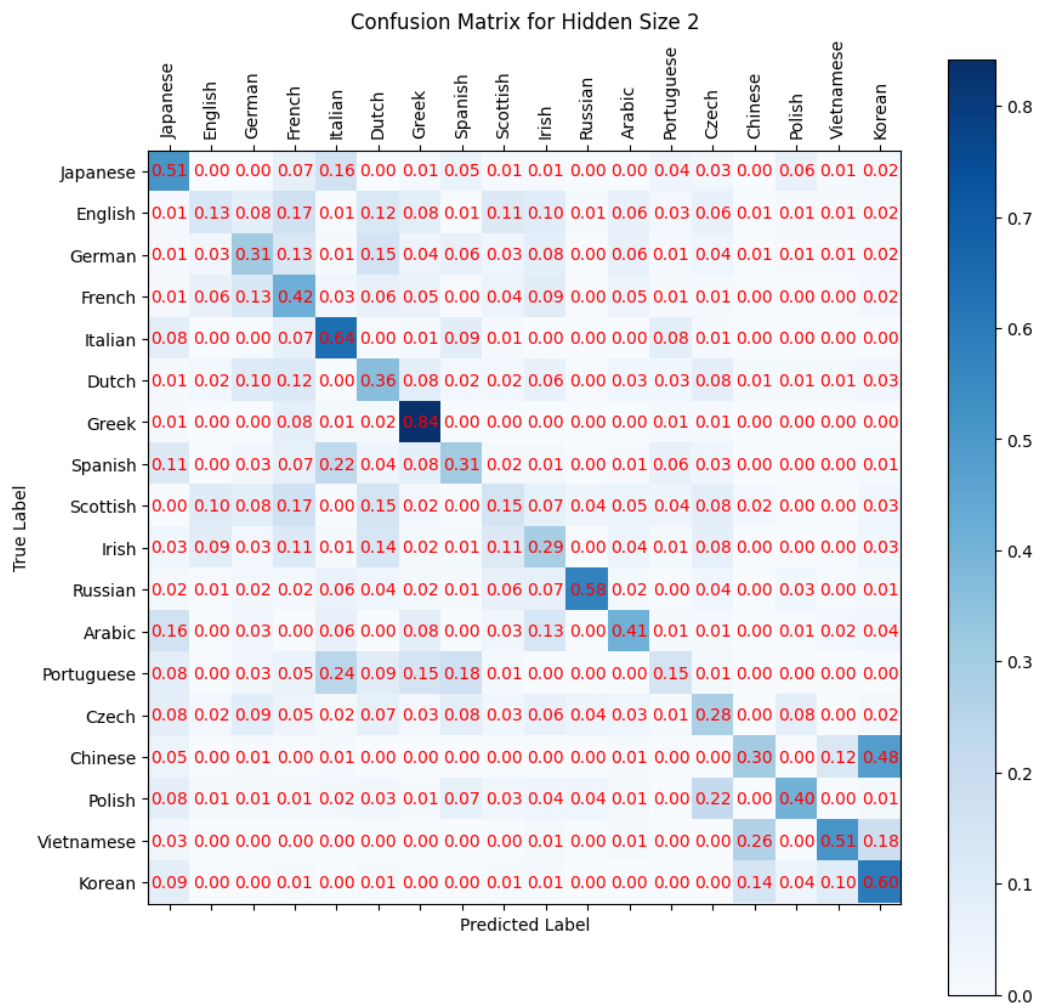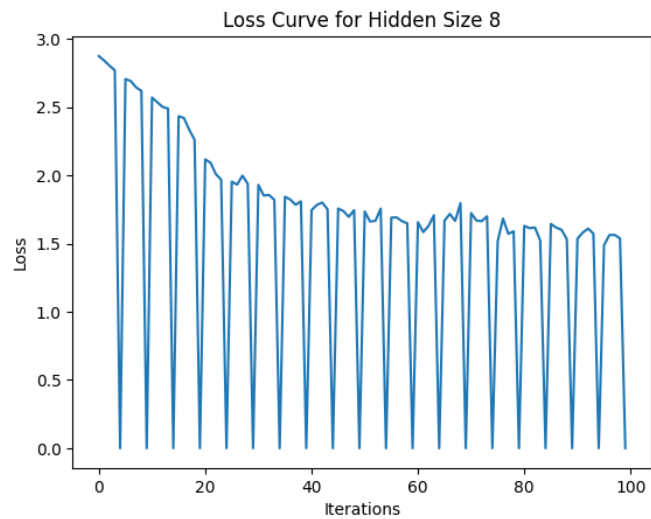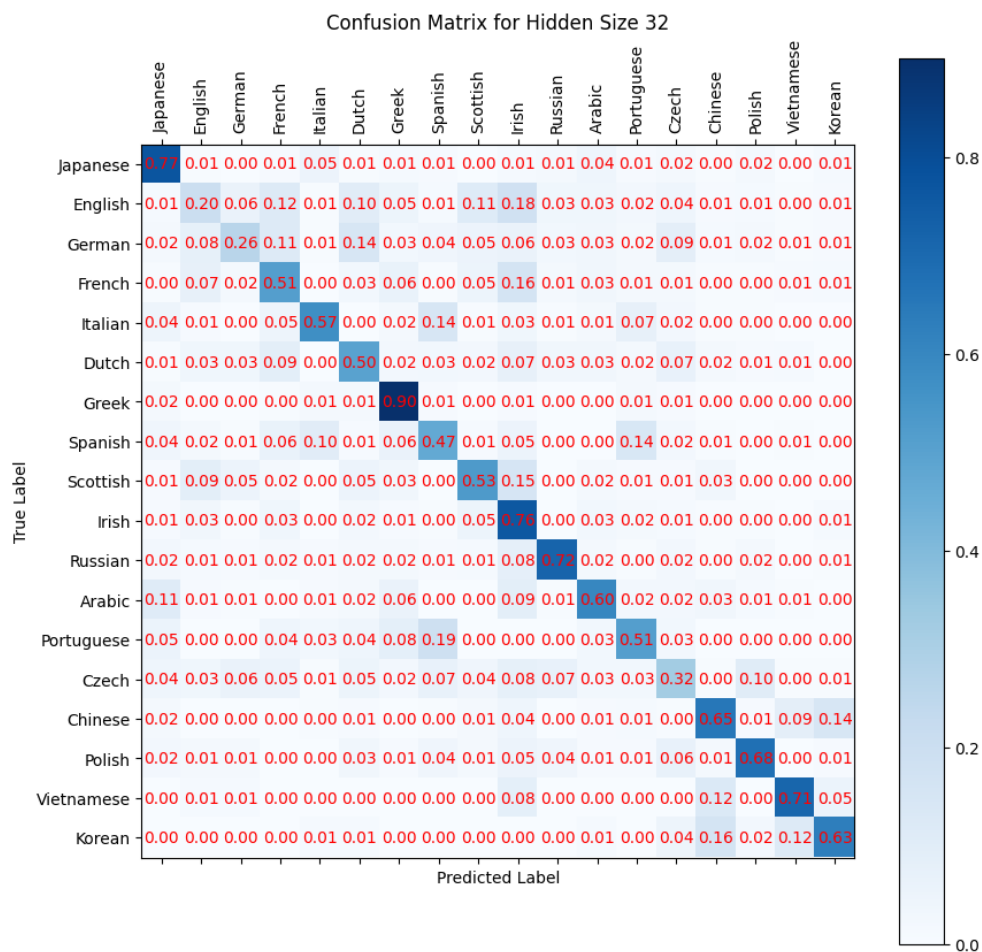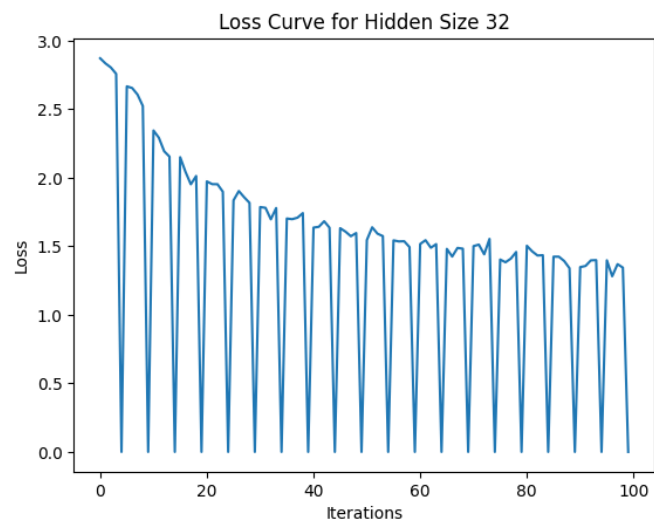
## Part 1.2

Accuracy for hidden size 2: 65.61%

### Loss Curve for Hidden Size 2



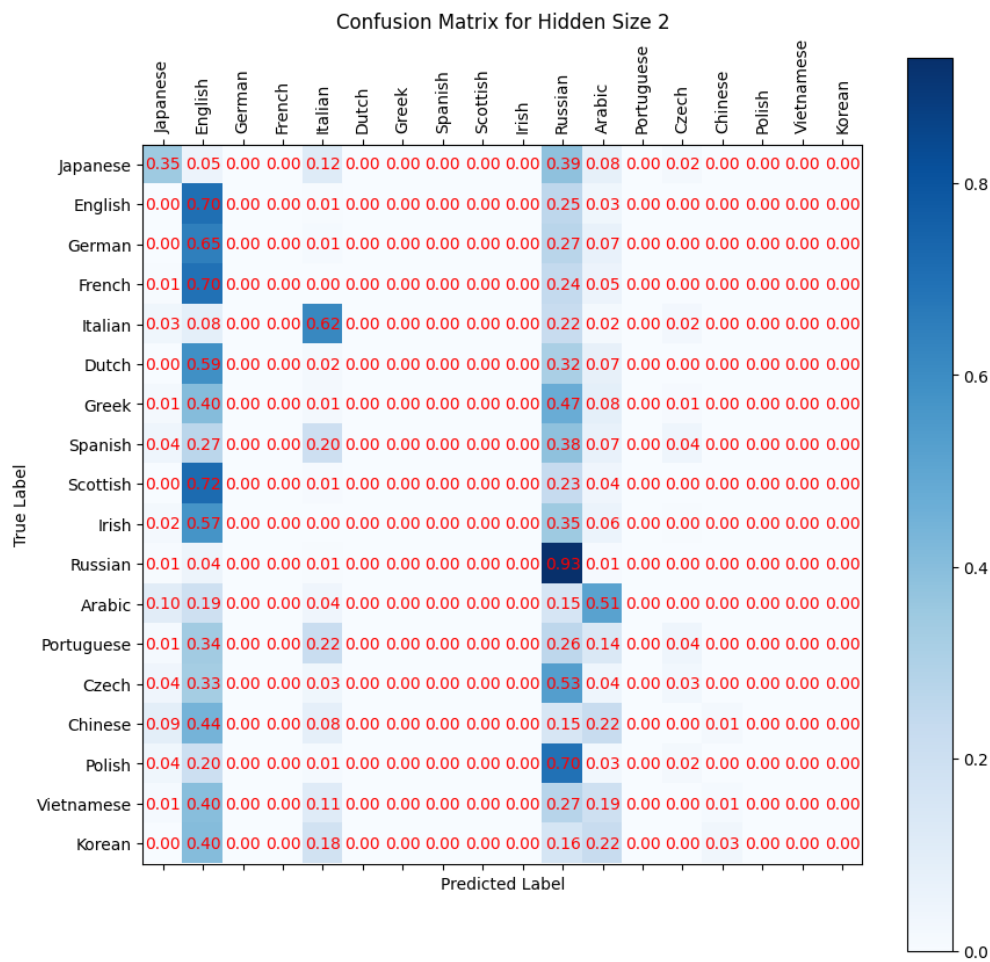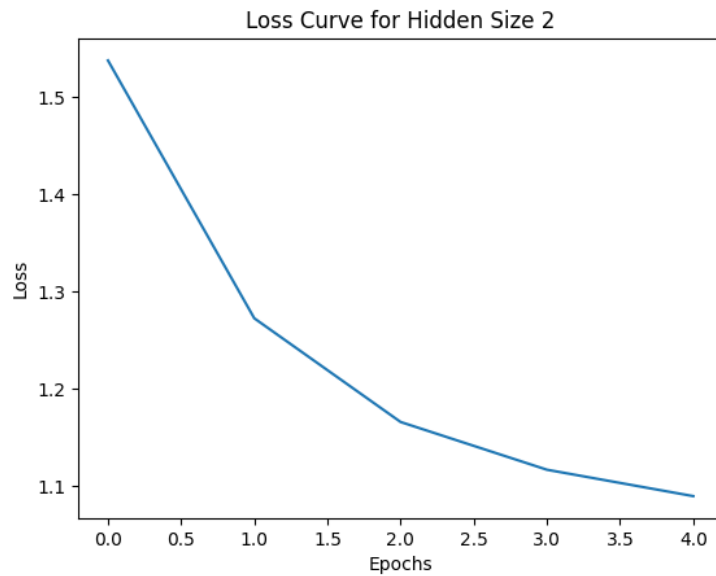### Confusion Matrix for Hidden Size 2

Accuracy for hidden size 8: 71.81%

## Loss Curve for Hidden Size 8



## Confusion Matrix for Hidden Size 8

# Accuracy for hidden size 32: 74.05%



Loss Curve for Hidden Size 32



Confusion Matrix for Hidden Size 32
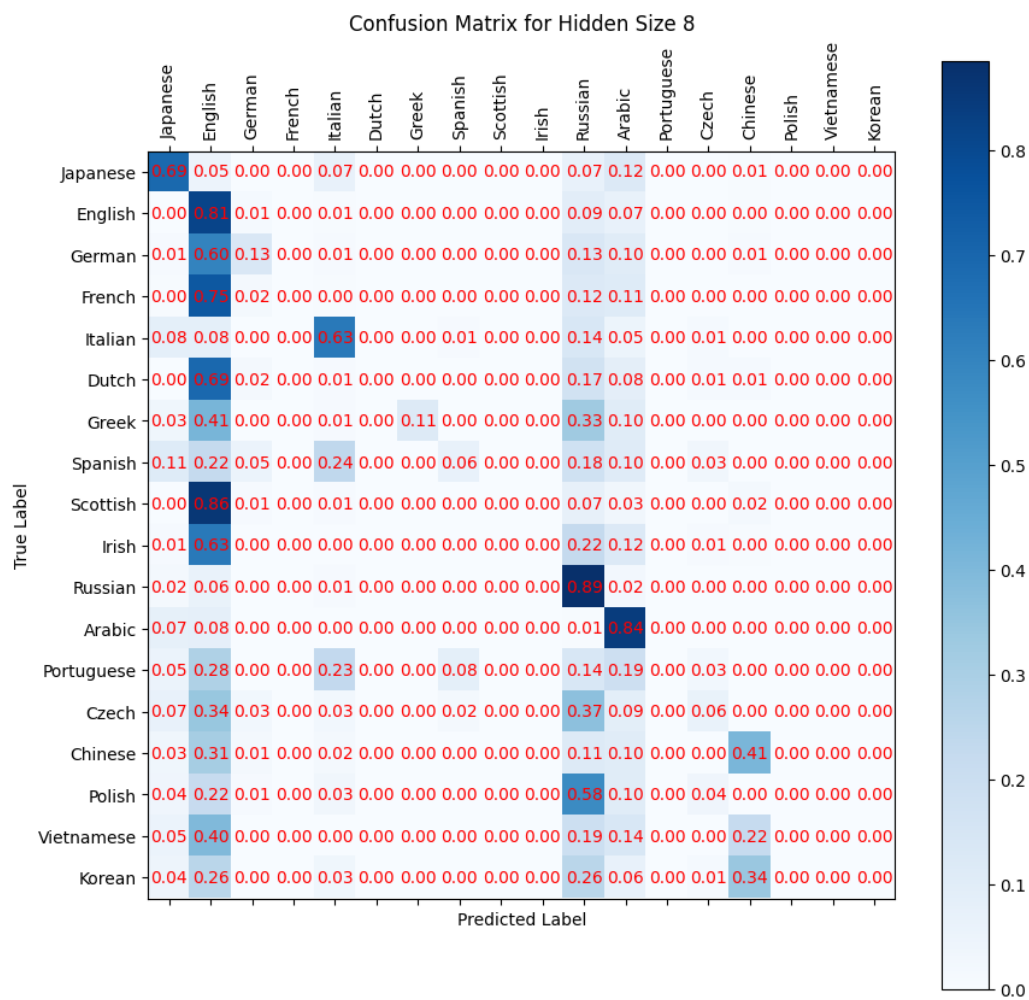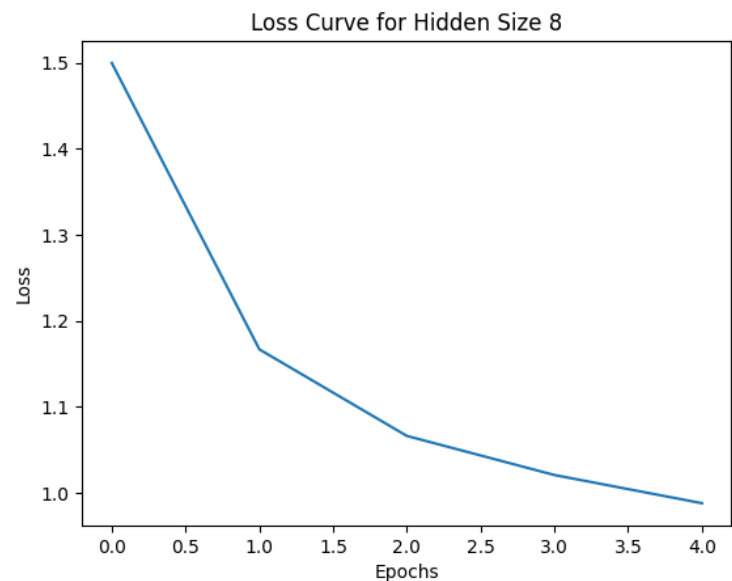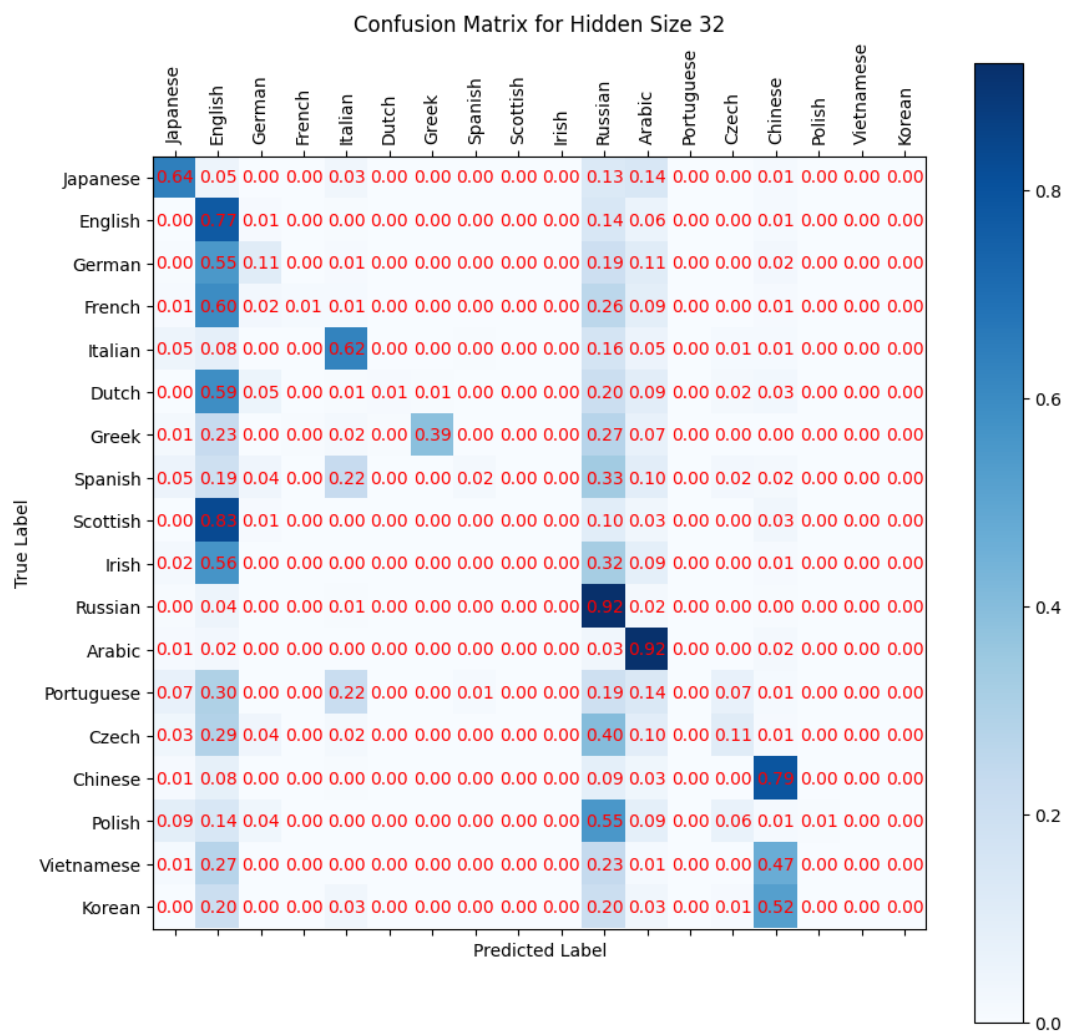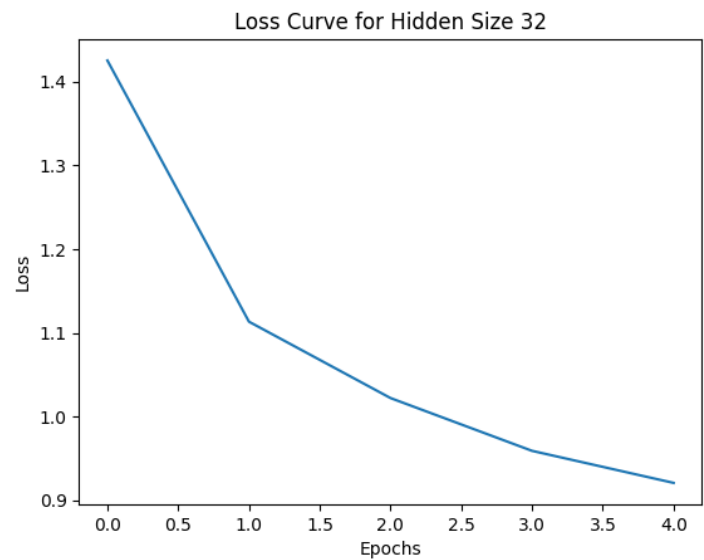
**PART 2.1**

Final Accuracy after 5 Epochs: 46.87%

**PART 2.2**

Final Accuracy with Batch Size 1000: 46.87%

Final Accuracy with Batch Size 2000: 46.87%

Final Accuracy with Batch Size 3000: 46.87%