ML2021Spring HW2 Report

<Department> <Name>
<Student ID>

Public Score (Accuracy)	Private Score (Accuracy)
0.76261	0.76376

The methods I used to pass the strong baselines include:

1. DNN: Linear(input_dim,1024,1024,1024,1024,512,256,128,output_dim) + SiLU + dropout (0.5,0.3,0.1) + BatchNorm1d + SiLU

2. hyperparameters: batch_size:1500 learning rate:0.001 weight_decay:0.001 val_ration:0.05 epoch:1500

3. post processing: ex. aaaaabbbaaaaa -> aaaaaaaaaaaaa code:

```
a,b,c = 0,0,0
temp = []
for i in range(len(predict)):
  temp.append(predict[i])
  if len(set(temp))==2:
    b = i;
    temp.append(-1)
  if len(set(temp))==4:
    c = i
    break
print(a,b,c)

for j in range(c+1,len(predict)):
  if predict[a]==predict[c] and c-b<=3:
    for k in range(b,c):
      predict[k] = predict[a]
  if predict[j]!=predict[c]:
    a = b
    b = c
    c = j
```

(Your report should be written in English. Do not exceed 100 words describing your methods, but you may add comments to your code to make other students easier to understand.)