```
C:\Users\13558\.conda\envs\DRAMAinPT\python.exe D:/Desktop/personal/stage/AAu/DLonPP2project/code/ex_MTL_DRAMA/DRAMAinPT_final_test.py
beautiful (number of comparison): 80
boring (number of comparison): 90
depressing (number of comparison): 100
lively (number of comparison): 110
safe (number of comparison): 110
wealthy (number of comparison): 90
[86, 86, 56, 66, 76, 66] [16, 16, 16, 16, 16, 16] [8, 8, 8, 8, 8, 8]
epoch= 1 iteration= 1 / 10 loss 0 = tensor(0.9343, grad_fn=<AddBackward0>)
D:/Desktop/personal/stage/AAu/DLonPP2project/code/ex_MTL_DRAMA/DRAMAinPT_final_test.py:213: UserWarning: To copy construct from a tensor, it is recommended to use sourceTensor.clone().detach() or sourceTensor.clone().detach().requires_grad_(True), rather than torch.tensor(sourceTensor).
  label = torch.tensor(label, dtype=torch.long)
epoch= 1 iteration= 1 / 10 loss 1 = tensor(0.8785, grad_fn=<AddBackward0>)
epoch= 1 iteration= 1 / 10 loss 2 = tensor(0.6113, grad_fn=<AddBackward0>)
epoch= 1 iteration= 1 / 10 loss 3 = tensor(0.3947, grad_fn=<AddBackward0>)
epoch= 1 iteration= 1 / 10 loss 4 = tensor(1.4115, grad_fn=<AddBackward0>)
epoch= 1 iteration= 1 / 10 loss 5 = tensor(0.8231, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 0 = tensor(7.6800, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 1 = tensor(5.3953, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 2 = tensor(7.1908, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 3 = tensor(8.6159, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 4 = tensor(6.7587, grad_fn=<AddBackward0>)
epoch= 1 iteration= 2 / 10 loss 5 = tensor(5.9850,
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22 grad_fn=<AddBackward0>)
23 epoch= 1 iteration= 3 / 10 loss 0 = tensor(0.9666,
   grad_fn=<AddBackward0>)
24 epoch= 1 iteration= 3 / 10 loss 1 = tensor(11.5139,
   grad_fn=<AddBackward0>)
25 epoch= 1 iteration= 3 / 10 loss 2 = tensor(5.4700,
   grad_fn=<AddBackward0>)
26 epoch= 1 iteration= 3 / 10 loss 3 = tensor(2.7244,
   grad_fn=<AddBackward0>)
27 epoch= 1 iteration= 3 / 10 loss 4 = tensor(8.0795,
   grad_fn=<AddBackward0>)
28 epoch= 1 iteration= 3 / 10 loss 5 = tensor(15.7844,
   grad_fn=<AddBackward0>)
29 epoch= 1 iteration= 4 / 10 loss 0 = tensor(3.9281,
   grad_fn=<AddBackward0>)
30 epoch= 1 iteration= 4 / 10 loss 1 = tensor(6.1792,
   grad_fn=<AddBackward0>)
31 epoch= 1 iteration= 4 / 10 loss 2 = tensor(2.6560,
   grad_fn=<AddBackward0>)
32 epoch= 1 iteration= 4 / 10 loss 3 = tensor(4.6198,
   grad_fn=<AddBackward0>)
33 epoch= 1 iteration= 4 / 10 loss 4 = tensor(22.2597,
   grad_fn=<AddBackward0>)
34 epoch= 1 iteration= 4 / 10 loss 5 = tensor(2.9120,
   grad_fn=<AddBackward0>)
35 epoch= 1 iteration= 5 / 10 loss 0 = tensor(1.1360,
   grad_fn=<AddBackward0>)
36 epoch= 1 iteration= 5 / 10 loss 1 = tensor(4.9886,
   grad_fn=<AddBackward0>)
37 epoch= 1 iteration= 5 / 10 loss 2 = tensor(10.6573,
   grad_fn=<AddBackward0>)
38 epoch= 1 iteration= 5 / 10 loss 3 = tensor(6.7513,
   grad_fn=<AddBackward0>)
39 epoch= 1 iteration= 5 / 10 loss 4 = tensor(2.4420,
   grad_fn=<AddBackward0>)
40 epoch= 1 iteration= 5 / 10 loss 5 = tensor(2.5982,
   grad_fn=<AddBackward0>)
41 epoch= 1 iteration= 6 / 10 loss 0 = tensor(3.1467,
   grad_fn=<AddBackward0>)
42 epoch= 1 iteration= 6 / 10 loss 1 = tensor(1.3996,
   grad_fn=<AddBackward0>)
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43 epoch= 1 iteration= 6 / 10 loss 2 = tensor(4.3522,
   grad_fn=<AddBackward0>)
44 epoch= 1 iteration= 6 / 10 loss 3 = tensor(13.0056,
   grad_fn=<AddBackward0>)
45 epoch= 1 iteration= 6 / 10 loss 4 = tensor(7.9328,
   grad_fn=<AddBackward0>)
46 epoch= 1 iteration= 6 / 10 loss 5 = tensor(3.4100,
   grad_fn=<AddBackward0>)
47 epoch= 1 iteration= 7 / 10 loss 0 = tensor(2.0573,
   grad_fn=<AddBackward0>)
48 epoch= 1 iteration= 7 / 10 loss 1 = tensor(4.1980,
   grad_fn=<AddBackward0>)
49 epoch= 1 iteration= 7 / 10 loss 2 = tensor(0.7765,
   grad_fn=<AddBackward0>)
50 epoch= 1 iteration= 7 / 10 loss 3 = tensor(3.6510,
   grad_fn=<AddBackward0>)
51 epoch= 1 iteration= 7 / 10 loss 4 = tensor(0.5826,
   grad_fn=<AddBackward0>)
52 epoch= 1 iteration= 7 / 10 loss 5 = tensor(7.9477,
   grad_fn=<AddBackward0>)
53 epoch= 1 iteration= 8 / 10 loss 0 = tensor(1.1635,
   grad_fn=<AddBackward0>)
54 epoch= 1 iteration= 8 / 10 loss 1 = tensor(1.4651,
   grad_fn=<AddBackward0>)
55 epoch= 1 iteration= 8 / 10 loss 2 = tensor(3.3796,
   grad_fn=<AddBackward0>)
56 epoch= 1 iteration= 8 / 10 loss 3 = tensor(11.1758,
   grad_fn=<AddBackward0>)
57 epoch= 1 iteration= 8 / 10 loss 4 = tensor(3.8553,
   grad_fn=<AddBackward0>)
58 epoch= 1 iteration= 8 / 10 loss 5 = tensor(6.6083,
   grad_fn=<AddBackward0>)
59 epoch= 1 iteration= 9 / 10 loss 0 = tensor(1.4860,
   grad_fn=<AddBackward0>)
60 epoch= 1 iteration= 9 / 10 loss 1 = tensor(0.6379,
   grad_fn=<AddBackward0>)
61 epoch= 1 iteration= 9 / 10 loss 2 = tensor(4.0285,
   grad_fn=<AddBackward0>)
62 epoch= 1 iteration= 9 / 10 loss 3 = tensor(3.9532,
   grad_fn=<AddBackward0>)
63 epoch= 1 iteration= 9 / 10 loss 4 = tensor(3.6785,
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grad_fn=<AddBackward0>)
epoch= 1 iteration= 9 / 10 loss 5 = tensor(3.6681,
   grad_fn=<AddBackward0>)
epoch= 1 iteration= 10 / 10 loss 0 = tensor(0.7402,
   grad_fn=<AddBackward0>)
**********test on data_validation of attribute 0
   start ************
accuracy =  0.5
change of accuracy on data_train 0:
0.525
change of accuracy on data_validation 0:
0.5
**********test on data_validation of attribute 0
   finished ************


epoch= 1 iteration= 10 / 10 loss 1 = tensor(1.3672,
   grad_fn=<AddBackward0>)
**********test on data_validation of attribute 1
   start ************
accuracy =  0.375
change of accuracy on data_train 1:
0.55
change of accuracy on data_validation 1:
0.375
**********test on data_validation of attribute 1
   finished ************


epoch= 1 iteration= 10 / 10 loss 2 = tensor(2.6966,
   grad_fn=<AddBackward0>)
**********test on data_validation of attribute 2
   start ************
accuracy =  0.4375
change of accuracy on data_train 2:
0.525
change of accuracy on data_validation 2:
0.4375
**********test on data_validation of attribute 2
   finished ************

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 94
 95 epoch= 1 iteration= 10 / 10 loss 3 = tensor(0.3297,
    grad_fn=<AddBackward0>)
 96 **********test on data_validation of attribute 3
    start ************
 97 accuracy =  0.5
 98 change of accuracy on data_train 3:
 99 0.5125
100 change of accuracy on data_validation 3:
101 0.5
102 **********test on data_validation of attribute 3
    finished ************
103
104
105 epoch= 1 iteration= 10 / 10 loss 4 = tensor(8.0181,
    grad_fn=<AddBackward0>)
106 **********test on data_validation of attribute 4
    start ************
107 accuracy =  0.5
108 change of accuracy on data_train 4:
109 0.575
110 change of accuracy on data_validation 4:
111 0.5
112 **********test on data_validation of attribute 4
    finished ************
113
114
115 epoch= 1 iteration= 10 / 10 loss 5 = tensor(0.9371,
    grad_fn=<AddBackward0>)
116 **********test on data_validation of attribute 5
    start ************
117 accuracy =  0.1875
118 change of accuracy on data_train 5:
119 0.5625
120 change of accuracy on data_validation 5:
121 0.1875
122 **********test on data_validation of attribute 5
    finished ************
123
124
125
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126
127 epoch 0 finished, changes of losses as following:
128 change of loss0 every epoch:
129 tensor(2.3239, grad_fn=<DivBackward0>)
130 change of loss1 every epoch:
131 tensor(3.8023, grad_fn=<DivBackward0>)
132 change of loss2 every epoch:
133 tensor(4.1819, grad_fn=<DivBackward0>)
134 change of loss3 every epoch:
135 tensor(5.5221, grad_fn=<DivBackward0>)
136 change of loss4 every epoch:
137 tensor(6.5019, grad_fn=<DivBackward0>)
138 change of loss5 every epoch:
139 tensor(5.0674, grad_fn=<DivBackward0>)
140
141
142 **********test on data_test of attribute 0  start
     ************
143 1 / 1
144 accuracy on data_test of attribtue 0 : 0.625
145
146
147 **********test on data_test of attribute 1  start
     ************
148 1 / 1
149 accuracy on data_test of attribtue 1 : 0.375
150
151
152 **********test on data_test of attribute 2  start
     ************
153 1 / 1
154 accuracy on data_test of attribtue 2 : 0.625
155
156
157 **********test on data_test of attribute 3  start
     ************
158 1 / 1
159 accuracy on data_test of attribtue 3 : 0.5
160
161
162 **********test on data_test of attribute 4  start
```

```
 ************
1 / 1
accuracy on data_test of attribtue 4 : 0.25


**********test on data_test of attribute 5  start
 ************
1 / 1
accuracy on data_test of attribtue 5 : 0.375

Process finished with exit code 0

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