

The result is as below:

```
1.a : 0.241
1.b : 0.483
2.a mu : [[1.05327702]
[1.02945717]]
2.a sigma : [[4.71231598 2.8451994 ]
[2.8451994 3.85349525]]
2.b mu : [[10.06286077]
[ 5.03186709]]
2.b sigma : [[6.59987604 3.79869858]
[3.79869858 4.82022889]]
```