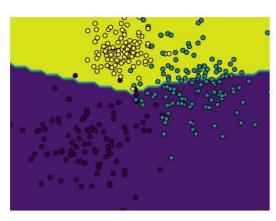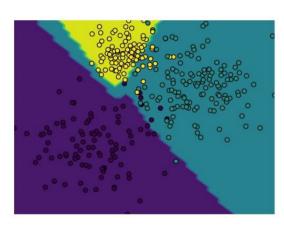$\lambda = 0.1$

Accuracy 55%   Accuracy 59%
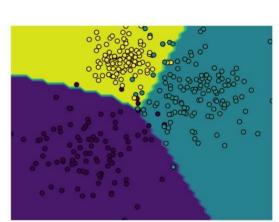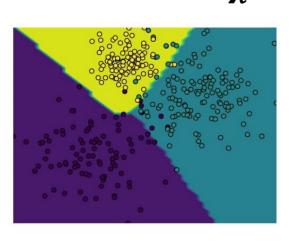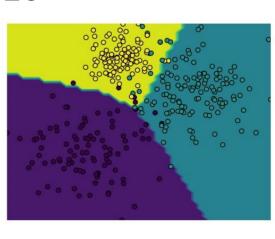
$\lambda = 1$

Accuracy 90%   Accuracy 92%

$\lambda = 10$

Accuracy 92%   Accuracy 93%