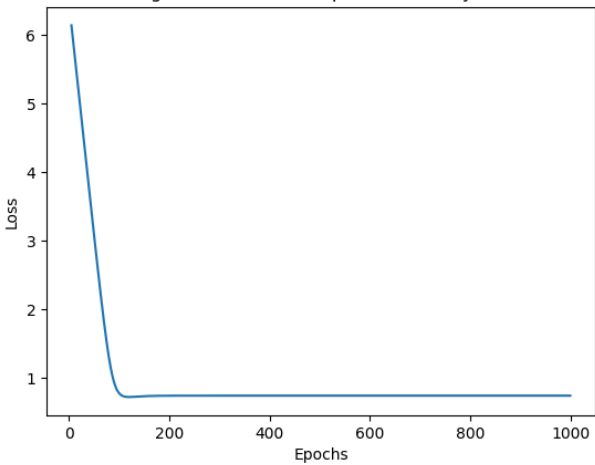
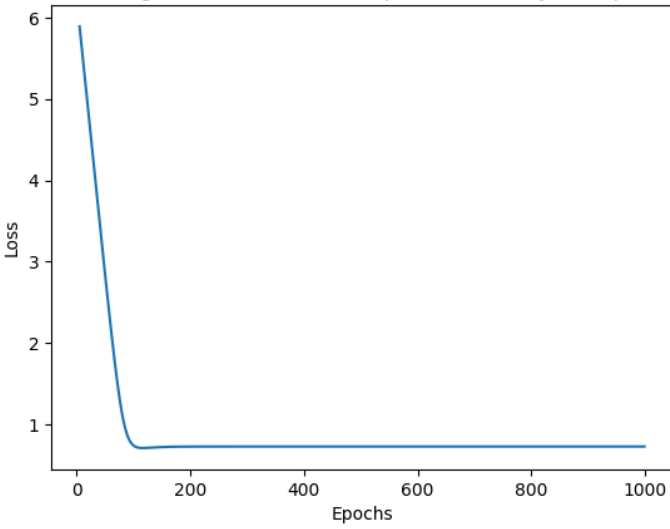
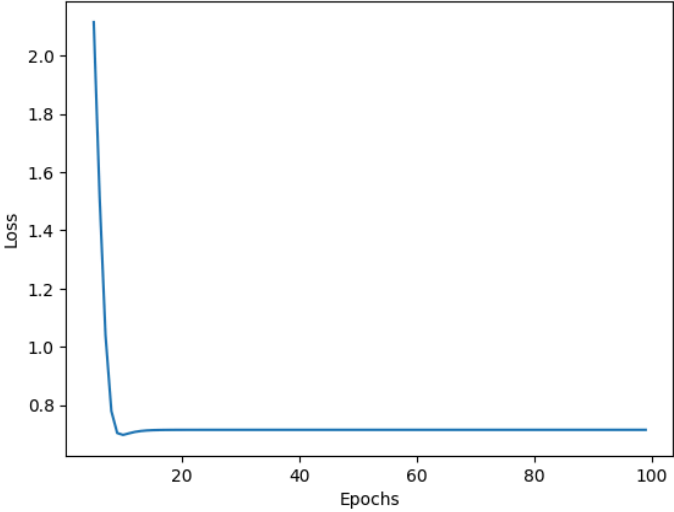
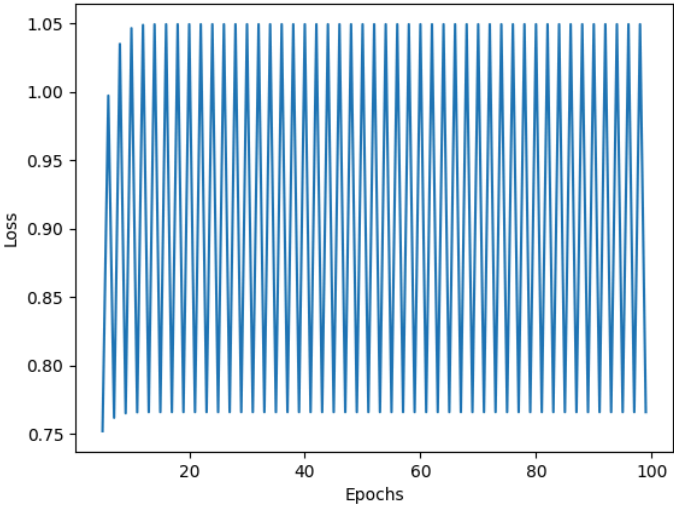
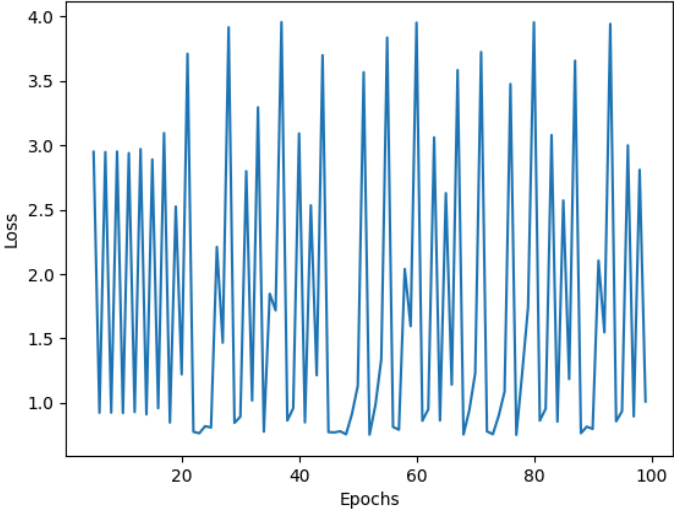


Learn ing rate	Epoch count	Epoch needed	Decision Boundary	Accuracy	Figure
0.001	1000	200	0.5	0.62280 7017543 8597	<p>Training curve: lr: 0.001, epochs: 1000 by kowshic</p> 
0.001	1000	200	0.45	0.60526 3157894 7368	<p>Training curve lr : 0.001 and epochs : 1000 by Shawpno</p> 

0.01	100	20	0.45	0.62280 7017543 8597	<p>Training curve lr : 0.01 and epochs : 100 by Shawpno</p>  <p>The graph shows a smooth, rapid decrease in loss from approximately 2.1 at epoch 0 to about 0.75 by epoch 10, where it then plateaus. The y-axis is labeled 'Loss' and ranges from 0.8 to 2.0. The x-axis is labeled 'Epochs' and ranges from 0 to 100.</p>
0.05	100	100	0.45	0.62280 7017543 8597	<p>Training curve lr : 0.05 and epochs : 100 by Shawpno</p>  <p>The graph shows high-frequency oscillations in the loss function, fluctuating between approximately 0.75 and 1.05 throughout the 100 epochs. The y-axis is labeled 'Loss' and ranges from 0.75 to 1.05. The x-axis is labeled 'Epochs' and ranges from 0 to 100.</p>

0.1	100	100	0.45	0.62280 7017543 8597	<p>Training curve lr : 0.1 and epochs : 100 by Shawpno</p> 
0.01	100	20	0.44	0.49122 8070175 43857	<p>Training curve lr : 0.01 and epochs : 100 by Shawpno</p> 