

## Machine Learning & Artificial Intelligence

### Practical No: 01

```
Command Prompt - python  + X
Microsoft Windows [Version 10.0.26200.7623]
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C:\Users\Santosh\OneDrive\Pictures\Desktop\Study Hub\8th Semester\MLAI\Practical-01>python Practical_01.py

Epoch: 0, Loss: 0.296736562209014
Epoch: 100, Loss: 0.2309868455356051
Epoch: 200, Loss: 0.171800114232647
Epoch: 300, Loss: 0.16052809099685153
Epoch: 400, Loss: 0.12907754546946867
Epoch: 500, Loss: 0.08256962269915062
Epoch: 600, Loss: 0.05772087949045779
Epoch: 700, Loss: 0.010525053747689755
Epoch: 800, Loss: 0.005092955321457019
Epoch: 900, Loss: 0.0032913871020260827

Predicted Output: [[0.95470035]]
Actual Output: 1
```

