

## Experiment-1. To study the output characteristics of n-channel MOSFET

Name- Mayank Barman

Roll no.- 8562

University Roll no.- 22025558001

### #PROGRAM

\* 1.NMOS Output Characteristics

.MODEL NMOS1 NMOS VTO=1 KP=200U LAMBDA=0.01

.DC VDS 0 10 0.5 VGS 1 5 1

M1 2 1 0 0 NMOS1

.PRINT DC ID(M1)

VGS 1 0

VDS 2 0

.PROBE

.END

### #OUTPUT

