Netlist for DC Analysis to check the MOSFETS in Saturation region

```
*  Generated for: PrimeSim
*  Design library name: Lavanya_2opamp
*  Design cell name: opamp1
*  Design view name: schematic
.lib 'saed32nm.lib' TT
.param VCM=1.1
*Custom Compiler Version S-2021.09
*Tue Mar  1 10:27:02 2022

.global gnd!
********************************************************************************
* Library         : Lavanya_2opamp
* Cell            : opamp1
* View            : schematic
* View Search List : hspice hspiceD schematic spice veriloga
* View Stop List   : hspice hspiceD
********************************************************************************
xm2 net5 net5 net2 net2 p105 w=7u l=500n nf=2 m=1
xm1 net1 net3 net2 net2 p105 w=87.5u l=500n nf=25 m=1
xm0 net3 net5 net2 net2 p105 w=7u l=500n nf=2 m=1
xm7 vbias vbias gnd! gnd! n105 w=6u l=500n nf=2 m=1
xm6 net4 vbias gnd! gnd! n105 w=6u l=500n nf=2 m=1
xm5 net3 icmr+ net4 gnd! n105 w=3u l=500n nf=1 m=1
xm4 net1 vbias gnd! gnd! n105 w=42u l=500n nf=12 m=1
xm3 net5 icmr+ net4 gnd! n105 w=3u l=500n nf=1 m=1
c9 net3 net1 c=800f
c8 net1 gnd! c=2p
i11 net2 vbias dc=20u
v0 icmr+ gnd! dc='VCM'
v12 net2 gnd! dc=1.8
```

Netlist for AC Analysis to find gain of two stage opamp

```
*  Generated for: PrimeSim
*  Design library name: Lavanya_2opamp
*  Design cell name: opamp1
*  Design view name: schematic
.lib 'saed32nm.lib' TT
.param vicm=1.1
*Custom Compiler Version S-2021.09
*Tue Mar  1 11:05:49 2022

.global gnd!
********************************************************************************
* Library         : Lavanya_2opamp
* Cell            : opamp1
* View            : schematic
* View Search List : hspice hspiceD schematic spice veriloga
* View Stop List   : hspice hspiceD
********************************************************************************
xm2 net5 net5 net2 net2 p105 w=7u l=500n nf=2 m=1
xm1 net1 net3 net2 net2 p105 w=87.5u l=500n nf=25 m=1
xm0 net3 net5 net2 net2 p105 w=7u l=500n nf=2 m=1
xm7 vbias vbias gnd! gnd! n105 w=6u l=500n nf=2 m=1
xm6 net4 vbias gnd! gnd! n105 w=6u l=500n nf=2 m=1
xm5 net3 icmr+ net4 gnd! n105 w=3u l=500n nf=1 m=1
xm4 net1 vbias gnd! gnd! n105 w=42u l=500n nf=12 m=1
xm3 net5 icmr- net4 gnd! n105 w=3u l=500n nf=1 m=1
c9 net3 net1 c=800f
c8 net1 gnd! c=2p
i11 net2 vbias dc=20u
v12 net2 gnd! dc=1.8
v4 icmr+ gnd! dc='vicm' ac=1
v3 icmr- gnd! dc='vicm' ac=-1
```