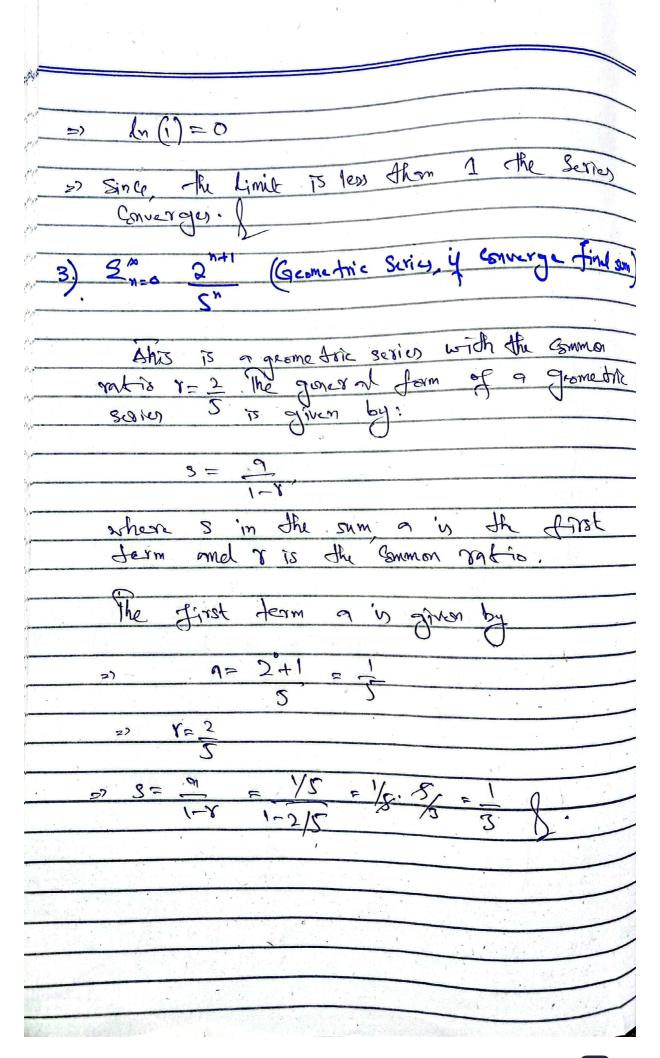
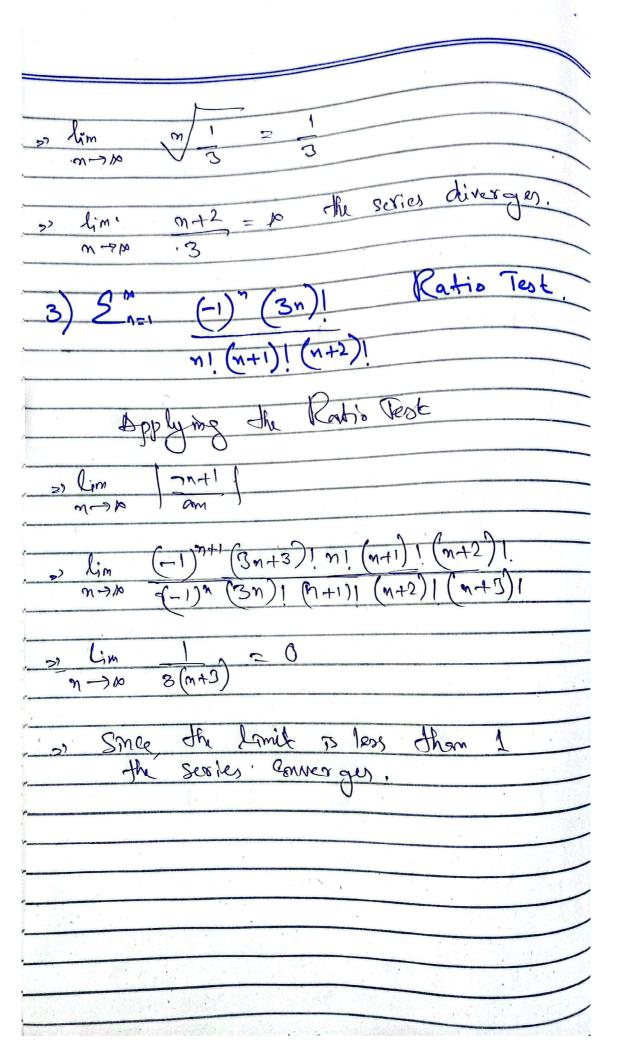
" DAME: MADSOOD BHINES
SD: 3818C
DEPT: BSCS
CAL-82: DSSIGNMENT #02
EN PROPERTY DE L'ARTE L

Apply mtk I:
shick of the following soies Guerge,
diverge or series incenclusive:
$I) \leq_{n=1}^{\infty} n(n+1)$
Sol- (n+2)(n+3)
Applying the Ratio Test
n->p an+1
$\frac{1}{2}$ lim $(m+1)(m+2)$, $(m+2)(m+3)$
$m \rightarrow \infty$ $(m+3)$ $(m+4)$ m $(m+1)$
$\frac{1}{m \rightarrow p} = 0$
& Since the limit in less Aham 1, the series
Converge).
2 m (1)
$2m \ln \ln \ln \left(\frac{1}{n}\right)$
Applying the Ratio Test:
7100
2) Lim 1 9M +1
non om
- lim la (m) lim 'la (m)
Mush mit
on (-A)





のつか Lim m-> 10 the equal limit so some in conclusive 75 sener Convergente M