Date: 2916/2021 Assignmend - 2 1) why Sample valiance is dividably n-1 ? Population (m) Sample (n) H = 20 2 マニ マンツ 2: E (x;=4,)2 s2= を (x:-元)と、 に、 h-1と Because, when Sample vasiance is also divided by hi will vory alot. Where as, the Experimentation due by the Researcher in the case of Skewhed Data. I by Pickage the Sounday Sandornly and done dividity it by n-1, n-2, n-3, ...

After multiple iterations They successfully white dividing sample volunce white by n-1. The population valiance & supple approximately equal ie, == 52 n-2, n-3, ... it is also doing valion (e but the differentian is vely. where by come to Conclusion that Sample .

divided by in-i rather than n. Same with Finally , They must also called unsined estimation. Valiance ن بن SRIMINASULU MARELLA

2) Relationship blu Mean, median, Mode in the Call of Right skewhed & Left skewhed at log Normal distribution. Lett stew Right Skew distribution distribution Hedian skon . Egi Wealth Distribution Right Iken (01) Positive scan Don" Same around of wealth aclaroughip; Mean 7 Median 7 Mode Median git life span of Human Beig DEPY Relationship + Mode 7 Median 7 Means Ag =50-70 5) + Age weight Height Cymetrical Dismisuson) Nana dith : Meanine dien a mode