F TOST is used to the two independent estimation Population variance. (0,20,30,40,50 and 5,10,15,20,25. Frost use need to calcular the variable " moon of (10,120,30,40,50)- 150 = 30 moren of (5,10,15, 20,25)=15. 2) Sus Stage and Square of the each mean vare. (30-10) + (30-50) + (30-30) + (30-10) + (30-20) = 1000 (15-5)2+ (15-10)2+ (15-15)2 + (\$5-20)2+ (15-25)2= 250 3) Standad devi Variance is (1000)/4 and (250)/4. 4) F TEST = HE - 81 177 ) I + (81 12-81) + (18-81 13) - + (x-x) = Pallament