PYTNOB A.U. 605-202 ML4	
1 X1,, Xn~ N(0,52), Y; = X: + E:, E:-NOABIC., EE:=0	; g(x)= 0x
$EY_i = EX_i^2 + EE_i = EX_i^2 = \sigma^2$	
MSE = E ((Y-g(x))2) = Bios2 + Vorrionnee + Irreducible	
Bias = $E \hat{g}(x) - EY = E\hat{\theta} \cdot x - \sigma^2$	
Vorviernce = $E((\hat{g}(x) - E\hat{g}(x))^2) = D\partial \cdot x^2$	
Inveducible = DE:	
B were: MSE = (Eê x -52) + (Dê x2) + DE:	