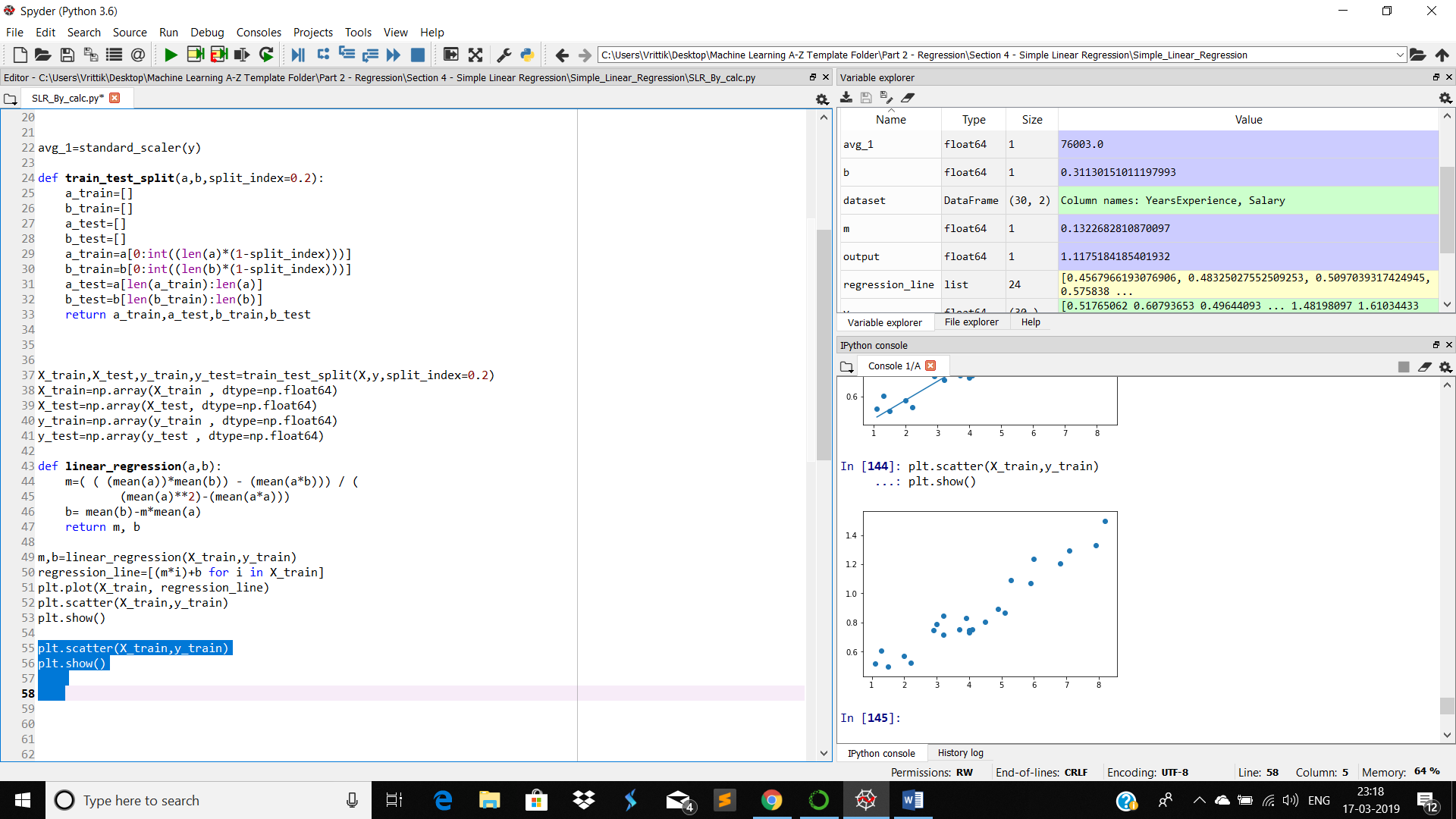
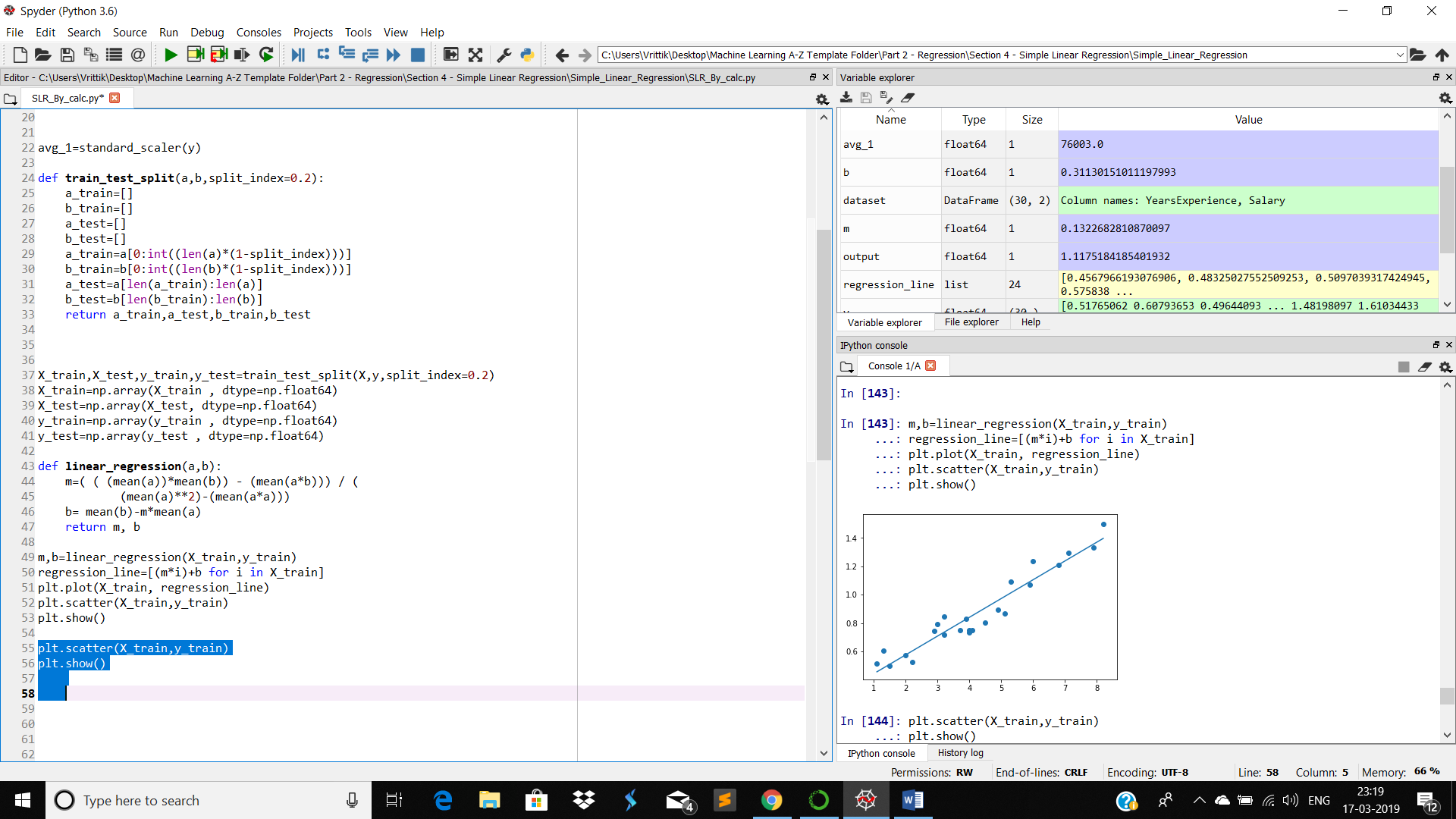
**LINEAR REGRESSION FROM SCRATCH**





M= ( (mean(x\_train)\*mean(y\_train))-mean(x\*y)) / ( (mean(x)\*\*2) -mean(x\_train\*\*2))

B=mean(y\_train) – m\*mean(x\_train)

Prediction of a random input x

Y\_pred=M\*x + B

And here is how linear regression works.