Variance in poverty = Variance In HS graduation + other variance.

Variance In HS graduation/ Variance in poverty = sqrt(R) = Sqrt(corr)

Poverty = a\*HS% + b\*metropolitan% + c

Y = ax1 + bx2 + c

Slope is considered to be coefficient

Therefore, in, Y = ax1 + bx2 + c, there are 3 coefficients

Y = (c1x1+ c2x2+…………+cnxn) + cn+1

Dummy variables can take only 1 and 0