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Greg Oman and **Adam Salminen*** (as341@evanville.edu). *Polynomial and power series rings with finite quotients.*

We determine the rings R with the property that $R[X]/I$ (respectively, $R[[X]]/I$) is finite for every nonzero ideal I of $R[X]$ (respectively, $R[[X]]$). We also look at a one-sided analogue of these results. (Received September 15, 2016)