Let $X$ be a complex smooth projective variety. In the course of birational classification, the minimal model program (or Mori’s program) predicts that $X$ has a good minimal model if it has Kodaira dimension $\kappa(X) \geq 0$ and $X$ is birational to a Mori fiber space (MFS) if $\kappa(X) = -\infty$. This has been established for varieties of general type, i.e. $\kappa(X) = \dim X$, by Birkar-Cascini-Hacon-McKernan (BCHM). In this talk, we show that the existence of good minimal models for varieties with $0 < \kappa(X) < \dim X$ follows from the existence of good minimal models for varieties with $\kappa(X) = 0$. For the case where varieties has $\kappa(X) = 0$, the existence of good minimal models can be further reduced to the case of regular varieties with $\kappa(X) = 0$. On the other hand, the existence of MFS for varieties with negative Kodaira dimension can be derived from the Nonvanishing conjecture and a result of BCHM. If we have time, we will also talk about a non-vanishing theorem for irregular varieties. (Received August 26, 2012)