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We present various results related to enumerations for Π_1^0 classes. There is no effective enumeration of all special Π_1^0 classes or of those that contain only finite (or only co-finite) subsets of ω . There is a Π_1^0 class P containing all non-Martin-Löf random reals such that P contains no component U_n of a given universal Martin-Löf test $(U_n)_n$. (Received August 19, 2008)