This thesis treats of the HIV virus and its hazards. It is composed of a theoretical and a practical part. The theoretical part deals with the HIV virus, it clears up the history of its discovery and the ways of transmission. It also describes the development and classification of the HIV infection, makes clear the possibilities of therapeutics and emphasizes prevention. As one of the possibilities of prevention the peer education in the sphere of HIV/AIDS prevention is mentioned here. In the practical part the questionnaire is analysed which was filled in by students of the second and third years of several secondary schools in Česká Třebová. By means of the questionnaire it was found out how the students are informed of the HIV virus, if they know how to protect themselves from it, where they get information and who they would turn on if they wanted to learn something about the virus. Another point of research was to find out if the obtained knowledge is somehow reflected in the common life of the interviewed people and if they feel to be threatened by the virus. My aim was also to find out the students' opinions on some specific situations which are concerned with HIV, like for example having one-night affairs or taking drugs.