**KMM1041 Introduction to Chemical Engineering Group 3**

**HOMEWORK -2**

1. 90kg alcohol-water mixture containing 25% alcohol is fed to a distillation column. Top and bottom product contains 85% and 3.2% alcohol, respectively. What percentage of alcohol in feed is recovered in top stream?
2. In a typical fruit drying process, fresh apricots without seeds (contains 82% of humidity) are dried in a dryer. After drying process, dry apricots contain 22% humidity. What is the mass loss of apricots during drying process. In order to obtain 1 kg dry apricots, how many kg of fresh apricots are required.

**Please use the link given below to achive the report cover page format to be used for your homeworks**

[**http://www.kmm.yildiz.edu.tr/page/STUDENTS/Forms/95**](http://www.kmm.yildiz.edu.tr/page/STUDENTS/Forms/95)