WEEK-8

LAB EXERCISE -7

DATE: 25-09-2020

Level 1 (10)

1. Write a java application to copy the contents of one text file another text file.(10)

Level 2 (10)

2. Write an abstract class called **Person** whose protected data fields are: **name**(String), **age**(int), **height**(double) and **weight**(double). The methods are: constructor with four arguments, get methods and **toString()** to display the details of Person.
   Derive class called **FootballPlayer** and **Cricketer**. **FootballPlayer** with data fields: **teamname**(String), **uniformnumber**(int) and **numberofgoals**(int). Provide the following methods constructor, **int getnogoals()** that returns the number of goals obtained by the player and write into details into text file using user defined method called writeintofile().

   Cricketer will have data fields: **countryname**(String), **role**(String) which indicates the role played by the person as batsman, bowler, all-rounder, and wicket-keeper, **nowickets**(int) and **noruns**(int). The methods are: constructor, get methods and write into details into text file using user defined method called writeintofile(). Write a test application to invoke the functionalities of the each class