```java
/**
 * Name: Aaman Bhandari
 * Due Date: 28 Mar 2019
 * Program: Simulate OS algorithms
 */

import java.sql.SQLOutput;
import java.util.*;
import java.io.*;
public class BHANDARI_AAMAN_CPU_Sched {
    public static void main(String[] args) {
        try
        {
            Map<Integer, Integer> mpp1 = new HashMap<>()
 ; //create maps for ease of use
            Map<Integer, Integer> mpp2 = new HashMap<>()
;  // for the algorithms
            Map<Integer, Integer> mpp6 = new HashMap<>()
;
             String filename = "in.txt";
             Scanner inp = new Scanner(new File(filename
));
             String[] algo = inp.nextLine().split(" ");
             String algoPSim = algo[0];
             String schelalgo = algo[1].trim();
            System.out.println(schelalgo.trim());


            /**
             * Read input file and pass to respective
algorithms
             */
            while(inp.hasNextLine())
             {

                 String item = inp.nextLine();
                 String[] itmarr = item.split(" ");
                 String p = itmarr[0];

                 int pid = Integer.parseInt(itmarr[1]);
                 int timeStamp = Integer.parseInt(itmarr
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[2]);
                int cpuBurst = Integer.parseInt(itmarr[
3]);
                if(itmarr.length >= 5)
                {
                    int prior = Integer.parseInt(itmarr
[4]);
                    mpp6.put(pid, prior);
                }

                mpp1.put(pid,timeStamp);

                mpp2.put(pid,cpuBurst);









            }
            inp.close();

            if(schelalgo.trim().equals("fcfs"))
            {
                Fcfs sol=new Fcfs(mpp1,mpp2,schelalgo);
                sol.fileString();
            }

            else if(schelalgo.trim().equals("sjnnp"))
            {
                Sjnp sol1 = new Sjnp(mpp1, mpp2,
schelalgo);
                sol1.fileString();
            }

            else if(schelalgo.trim().equals("pnp"))
            {
                pnp sol2 = new pnp(mpp1, mpp2, mpp6,
schelalgo);
                sol2.fileString();
            }
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        }
        catch (Exception e) //Exception handling
        {
            System.out.println("File can't be OPENED/
READ");

        }
    }
}
```