Overview

This program as developed will emulate a task management system. It can be used to give an idea about the efficiency of a particular system design.

Introduction

#### The design of this system is as such to be a small utility to define the efficiency of different styles

## Scope

This program will take in a file that contains jobs that contains user defined times and execution times for the program to use.

It will show efficiencies and usefulness of different task management system efficiencies by allowing the output file to show the difference between different systems. In the currently implemented system it shows a system that prefers to start up programs quickly rather than keep long term processes operating.

### COMPONENTS

##### This program contains a single class main that contains three methods and the static main method.

### TESTING

When attempting the following input of

A,0,3

B,0,3

The output would be thought to be

ABAABB

The actual output was

ABAABB

This test was a success and determines that the base system works.

The second test was attempted with

A,1,3

B,2,3

C,3,3

Which would be thought to result in an output of

ABCAABBCC

The actual output contained

ABCAABBCC

3.

The third test contained

A,1,3

B,2,4

C,3,12

D,6,7

Going through the process the result should be

ABCAADBBCCDDBCCCDDDCCCCDCC

The real output was

ABCAADBBCCDDBCCCDDDCCCCDCC