CS 232 - P1

User Manual

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This is a table driven finite state machine used to emulate a 4 digit pin coded access system.

Contents:

Choose one of the following options:

T: Load a new Transition Table"

A: Load a new Action Table

M: Display the menu options

E: Enter the 4 digit access code

X: Exit the program

T – Load a new Transition Table:

Choose this option to enter the file path of an appropriate Transition Table to load into the program.

A – Load a new Action Table

Choose this option to enter the file path of an appropriate Action Table to load into the program.

M – Display the menu options

Displays the main menu

E – Enter the 4 digit access code

Enter 4 alphabetical values from a-e either all at once or one after another in order to enter the 4 digit pin code. If the pin code is correct then an ‘unlock’ message will appear. If it is incorrect an ‘alarm’ message will appear followed by an audible beep.

X – Exit the program

Exits the program