**REPORT**

**Project 1: A\* Search Algorithm (8-puzzle problem)**

**Submitted By**

Jawad Chowdhury, (ID# 801135477)

**8-puzzle Problem Formulation**

**Program Structure (Variables, Function & Procedures)**

**Analysis of 6 input/output cases (with 2 heuristics)**

(1) The solution path from initial state to goal state

(2) the number of nodes generated,

(3) the number of nodes expanded.