Team Names

1. Mahmoud Bakr Sayed Ahmed (sec 13)

2. Talaat Ramadan Talaat (sec 7)

3. Mahmoud Ahmed Mahfouz (sec 13)

(PEAS)

Agent Design

- *Performance: speed find solutions*
- *Environment: static maze*
- *Actuators: message output*
- *Sensors: no sensor*

(ODESA)

- *Observability: fully observable*

- *Deterministic: deterministic*
- *Episode: episode*
- *Static: static*
- *Agent: single agent*

Goal-based agent

Because algorithm search at goal state (red point in a program) & it filters actions to reach a goal

(Problem Formulation)
- *Initial state: blue square*
- *Successor function:*
  move left, right, up, down

- *Goal test: red square*
- *Path cost: each move cost one*