**ARTIFICIAL INTILLIGENCE LAB FINAL**

**Muin Uddin**

**Roll no: ASH1825012M**

**PEAS description**

PEAS description for Automatic Door, ChatBot, Automatic AC, Tic-Tac-Toe Computer Player.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Agent Type** | **Performance** | **Environment** | **Actuators** | Sensors |
| Automatic Door | Action timely | Human | Open, close | Camera, Sensor |
| Chabot | Optimize reply,  Relevant reply | Human | SMS receive, SMS reply | keyboards |
| Automatic AC | Actions accurate high, Timely Actions | temperature | On, Off | Camera, Sensor |
| Tic Tac Toe | Optimal solution | Others player, board | Turn, Display a message | keyboard |

**Execute File**

**Automatic Door**

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature down to 20 degree =>Action: AC OFF

**Automatic AC**

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature up to 40 degree =>Action: AC ON

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature down to 20 degree =>Action: AC OFF

State: Normal Temperature up to 40 degree =>Action: AC ON

**Chabot**

You-->hi

ChatBot-->Hi sir, how can i help you??

You-->plz told me about your product..

ChatBot-->I Can't Understand

You-->plz told me about your product..

ChatBot-->I Can't Understand

You-->tell about price too

ChatBot-->I Can't Understand

You-->ok

ChatBot-->Thank you sir, for knocking us.