**Artificial Intelligence**

Assignment No 4

**Deadline**: Sunday 31-Dec-2024 at 11:59PM

Consider the Volcano crossing problem of size greater than 3x4 with different rewards at lava lake, and normal and fabulous views. Perform the following in python

(a). Define the problem as MDP in python

(b). Assume that policy is given, and you have to use policy evaluation algorithm to evaluate the policy.

(c). If policy is note provided and you have to find the optimal policy. Use value iteration algorithm to find the optimal policy.