***MINI PROJECT***

***AI GAME***

***Reinforcement Learning Game Suite***

TEAM LEADER NAME – PRIYANSHI AGRAWAL

ROLL NO – 2301CS90

MEMBER 2 NAME – MANVITHA REDDY

ROLL NO – 2301CS29

MEMBER 3 NAME – SHIKSHA RAGINEE

ROLL NO – 2301AI13

MEMBER 4 NAME – GOMPA VASAVI

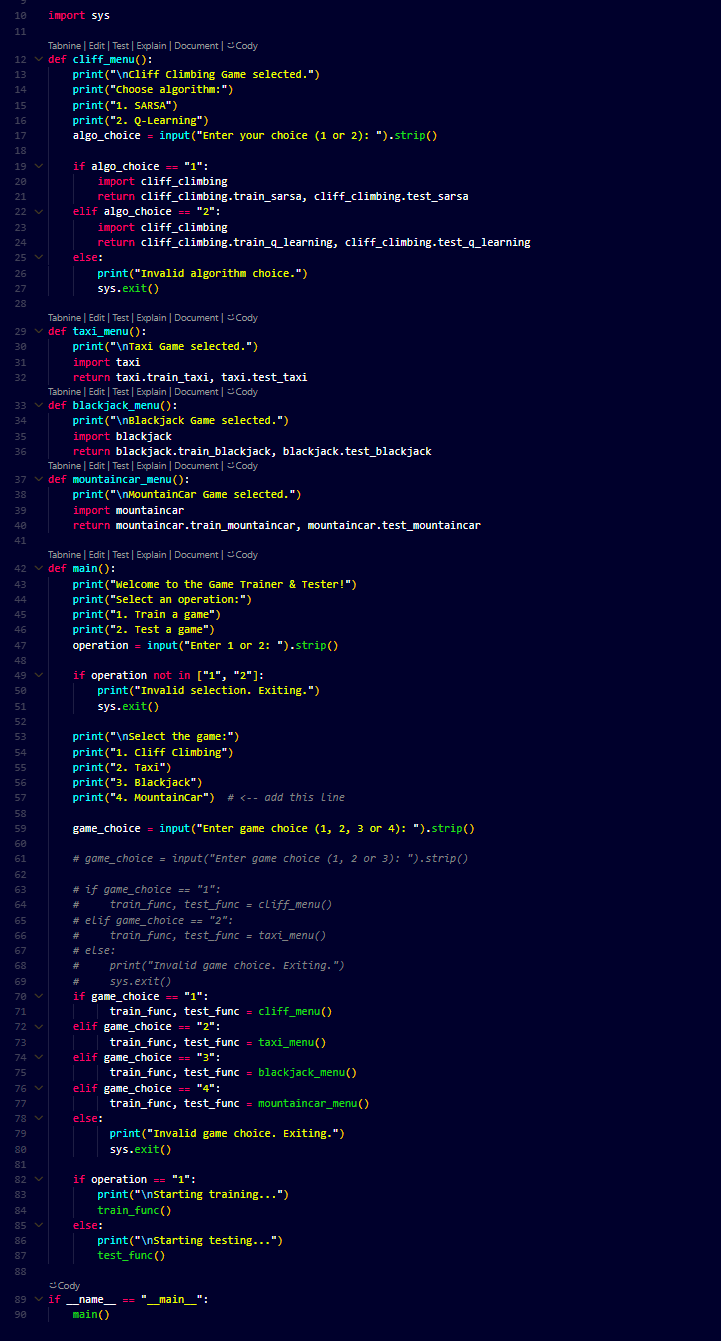
ROLL NO – 2301AI43

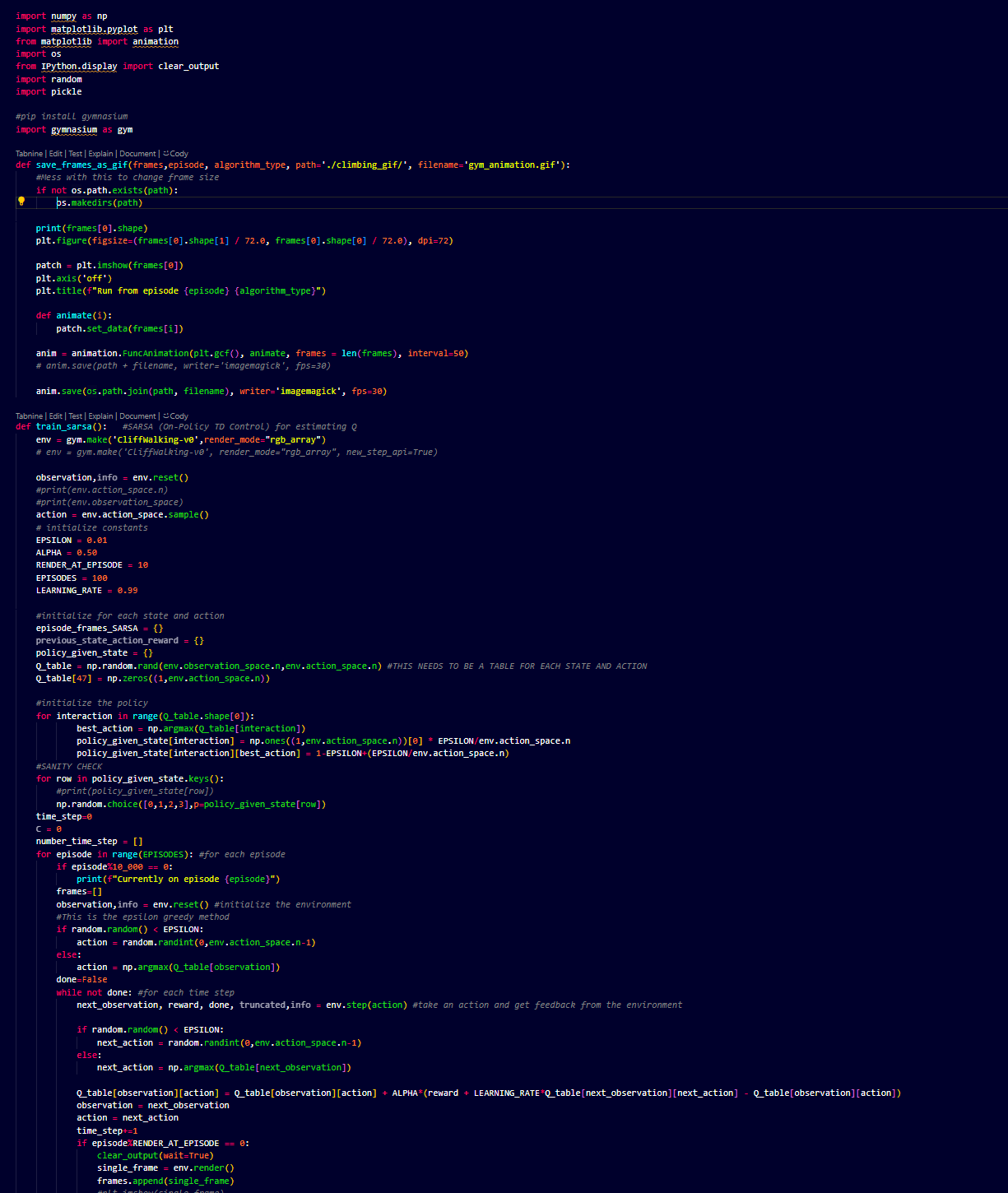
MEMBER 5 NAME – PREETI KUMARI

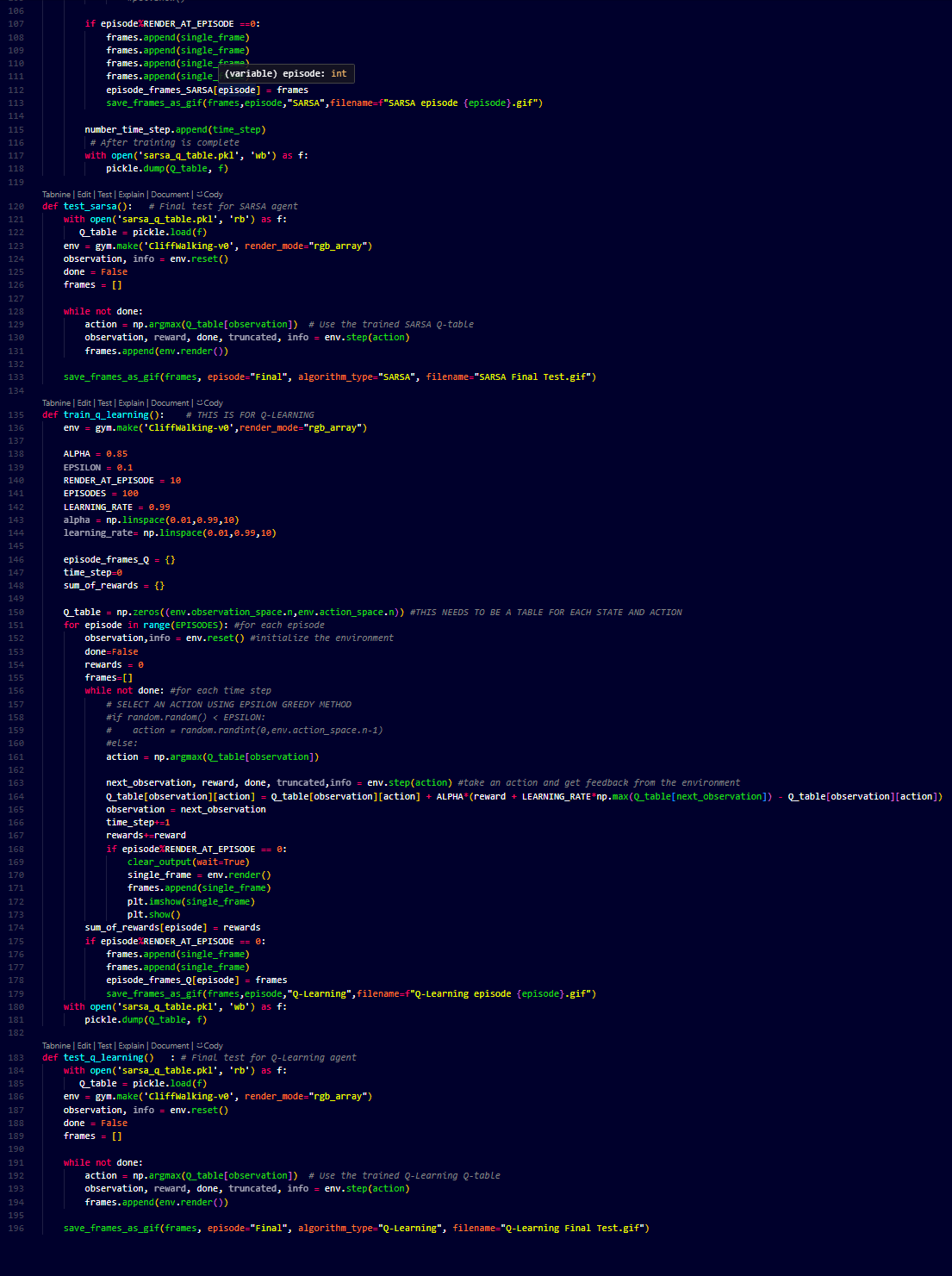
ROLL NO – 2301AI17

MEMBER 6 NAME – GURU SAI BHASKARI

ROLL NO – 2301AI19

Main.py

Cliff\_climbing.py

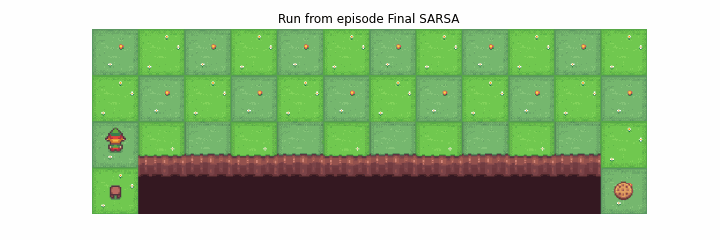


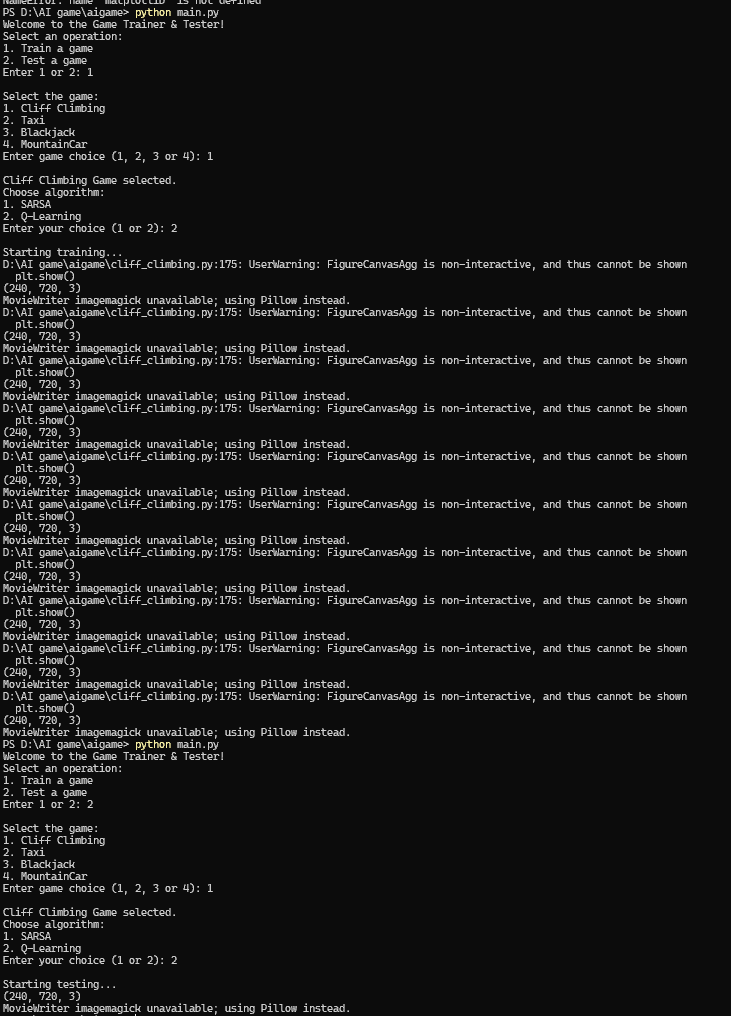
GAME 1 – cliff climbing—sarsa algorithm

Result --

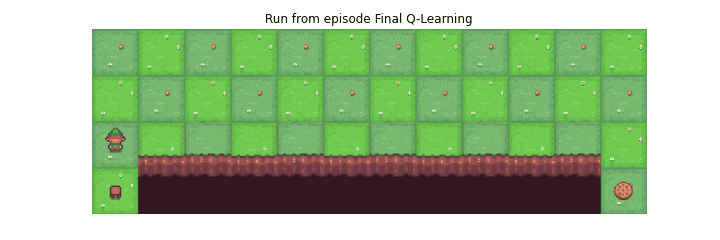
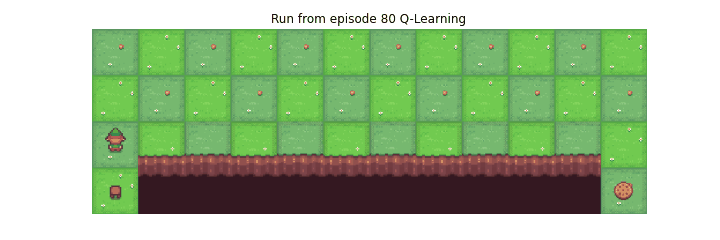






GA E 1 – cliff climbing—Q learning algorithm

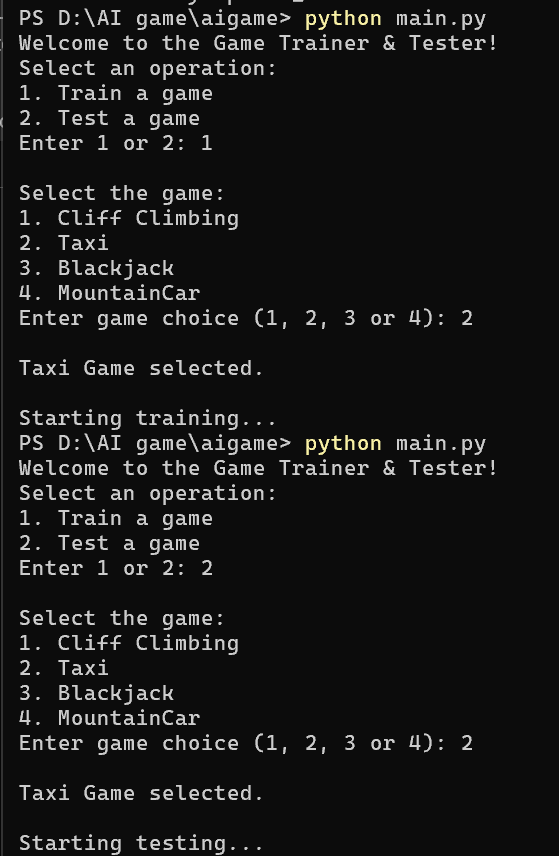
RESULT—

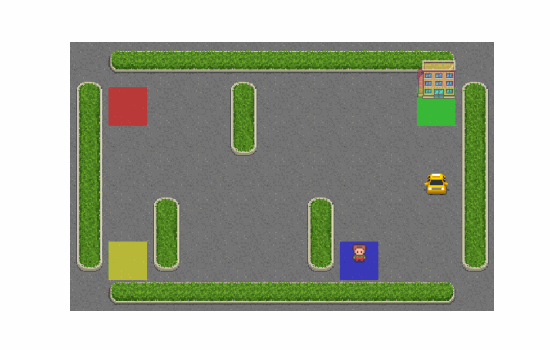


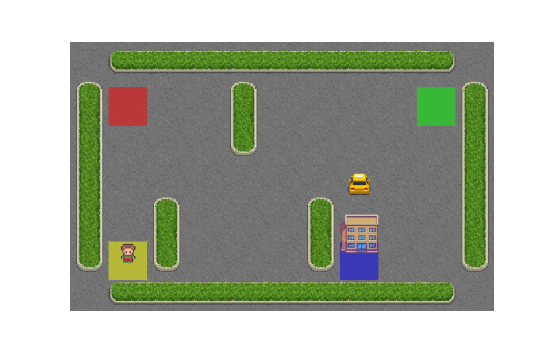
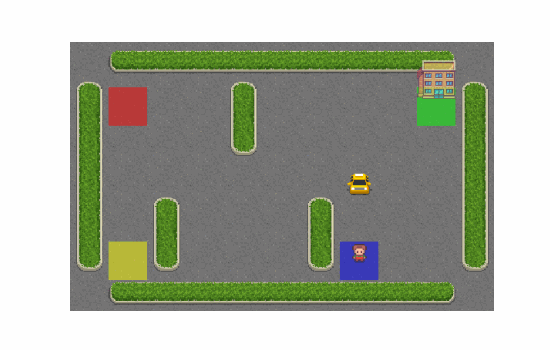
taxi.py-





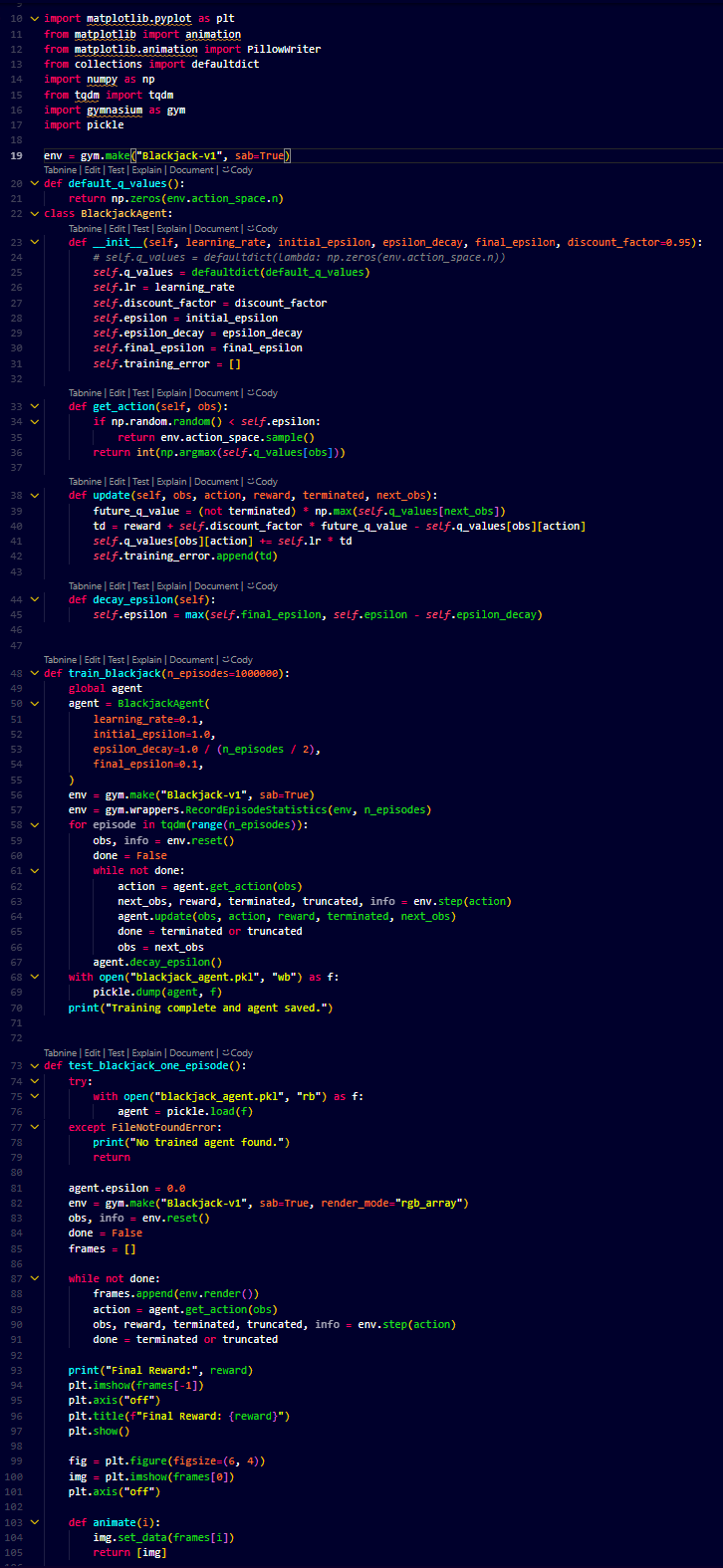
GAME 2 – TAXI-

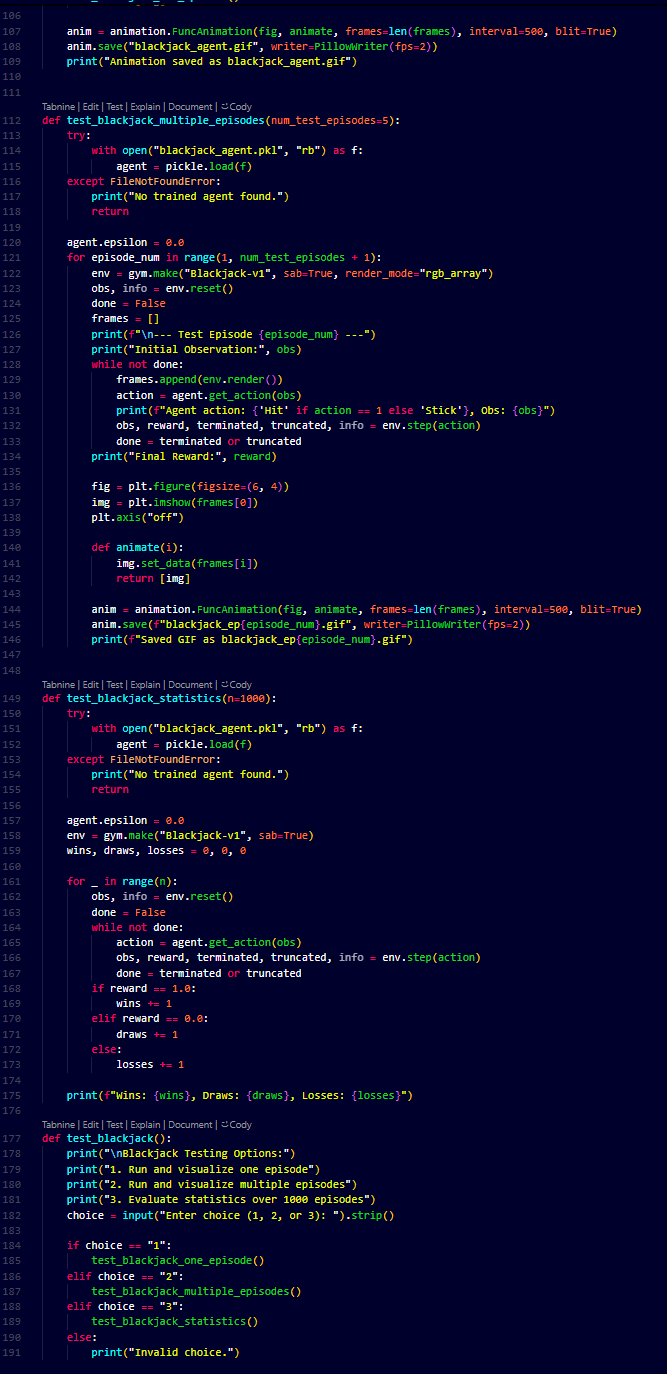
RESULT--

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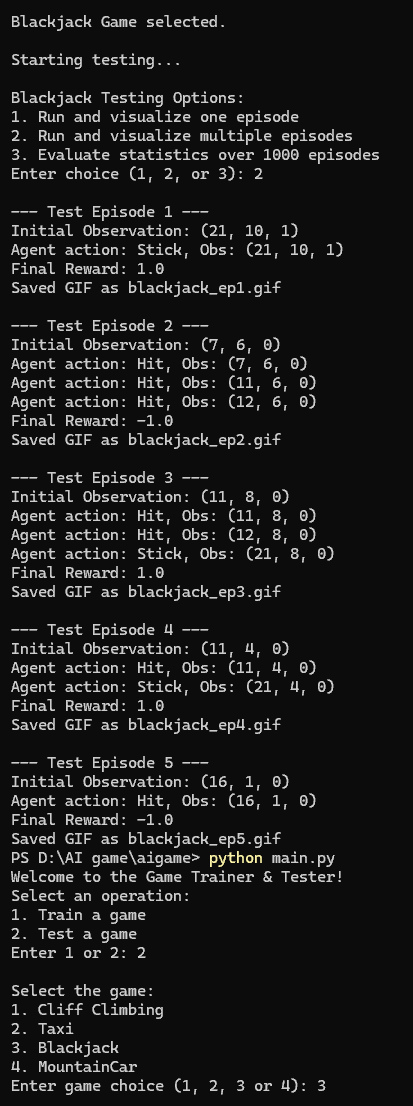
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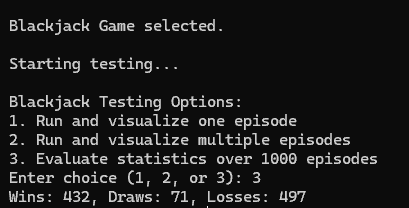
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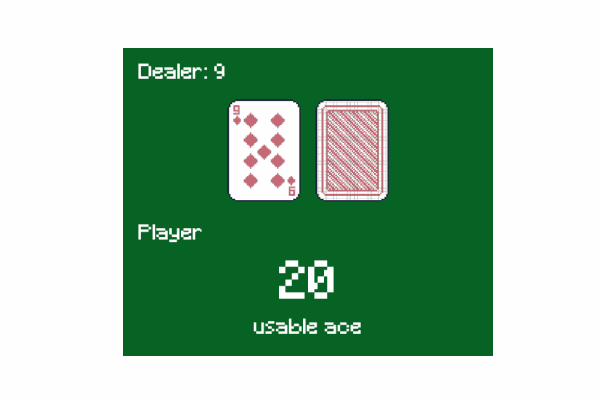
blackjack.py—

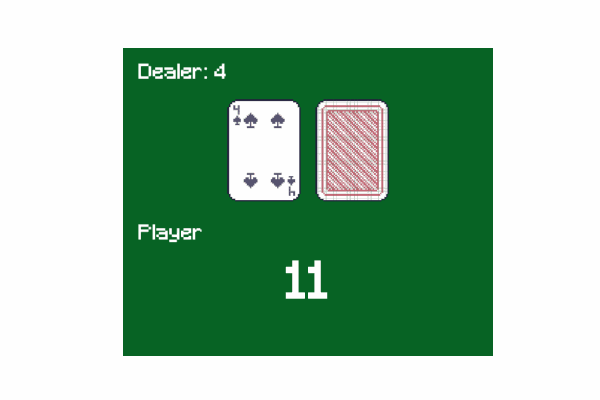


GAME 3-- BLACKJACK –



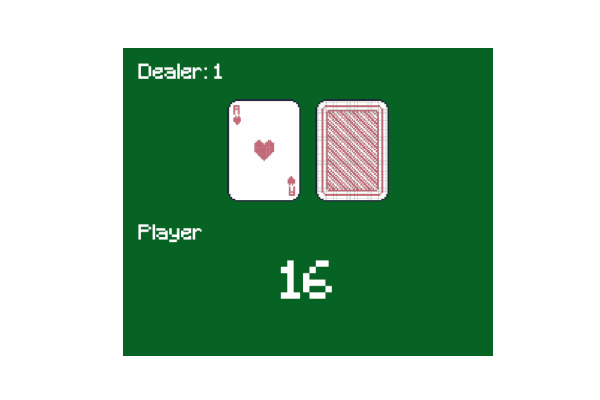


RESULT-- FOR 1 EPISODE



FOR MORE EPISODE—

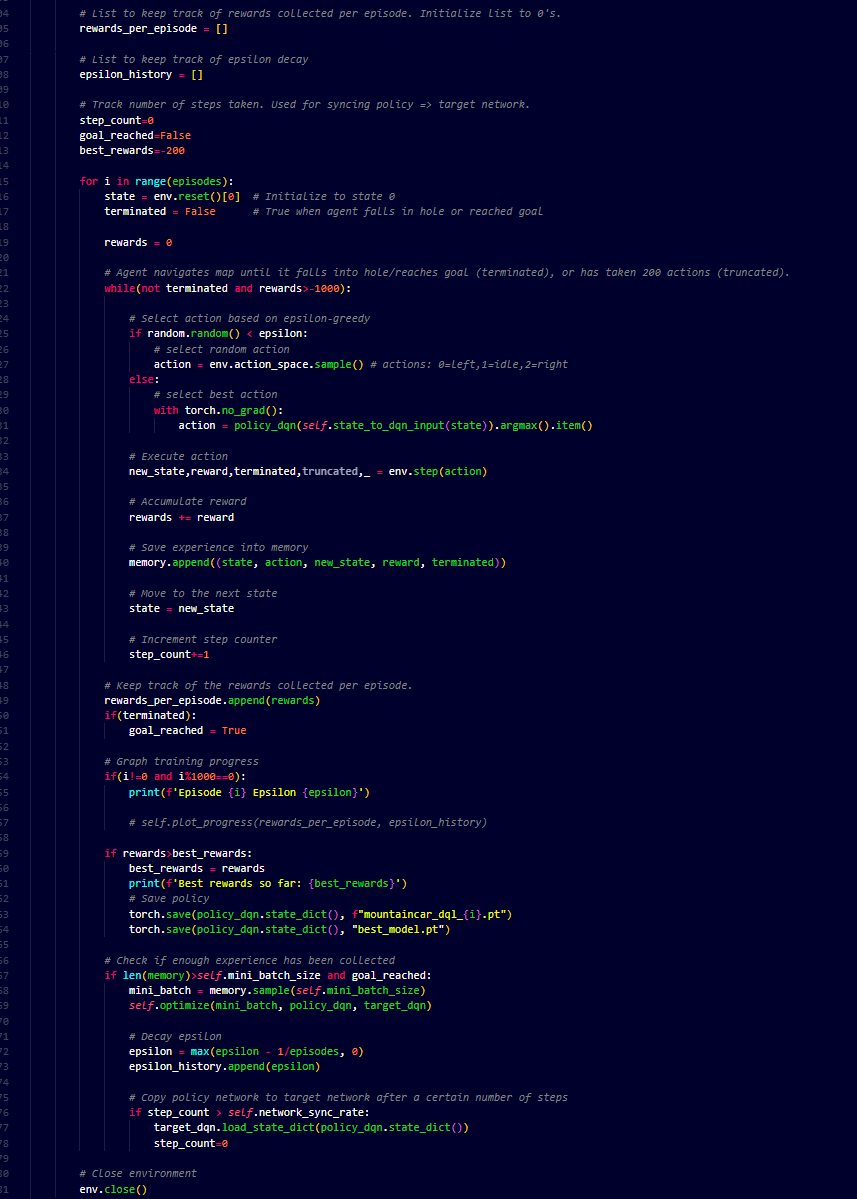
EPISODE 4



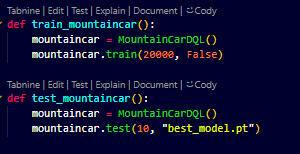
EPISODE 5

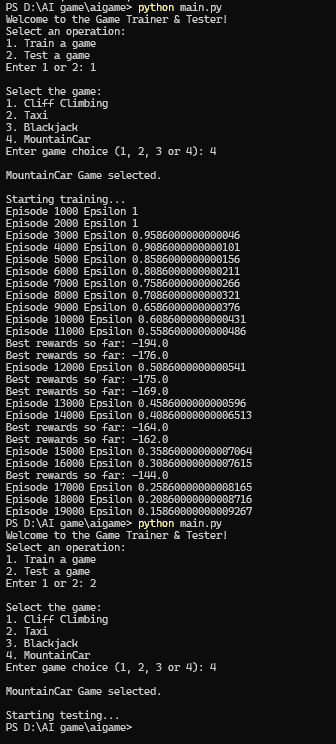
mountaincar.py---

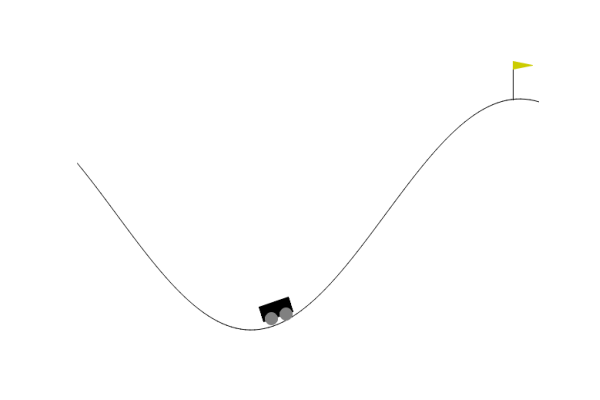
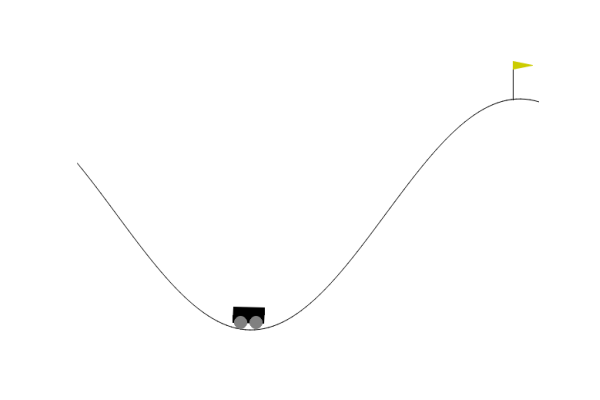








GAME 3-- MOUNTAIN CAR–

RESULT-

EPOSODE -8

EPISODE - 9