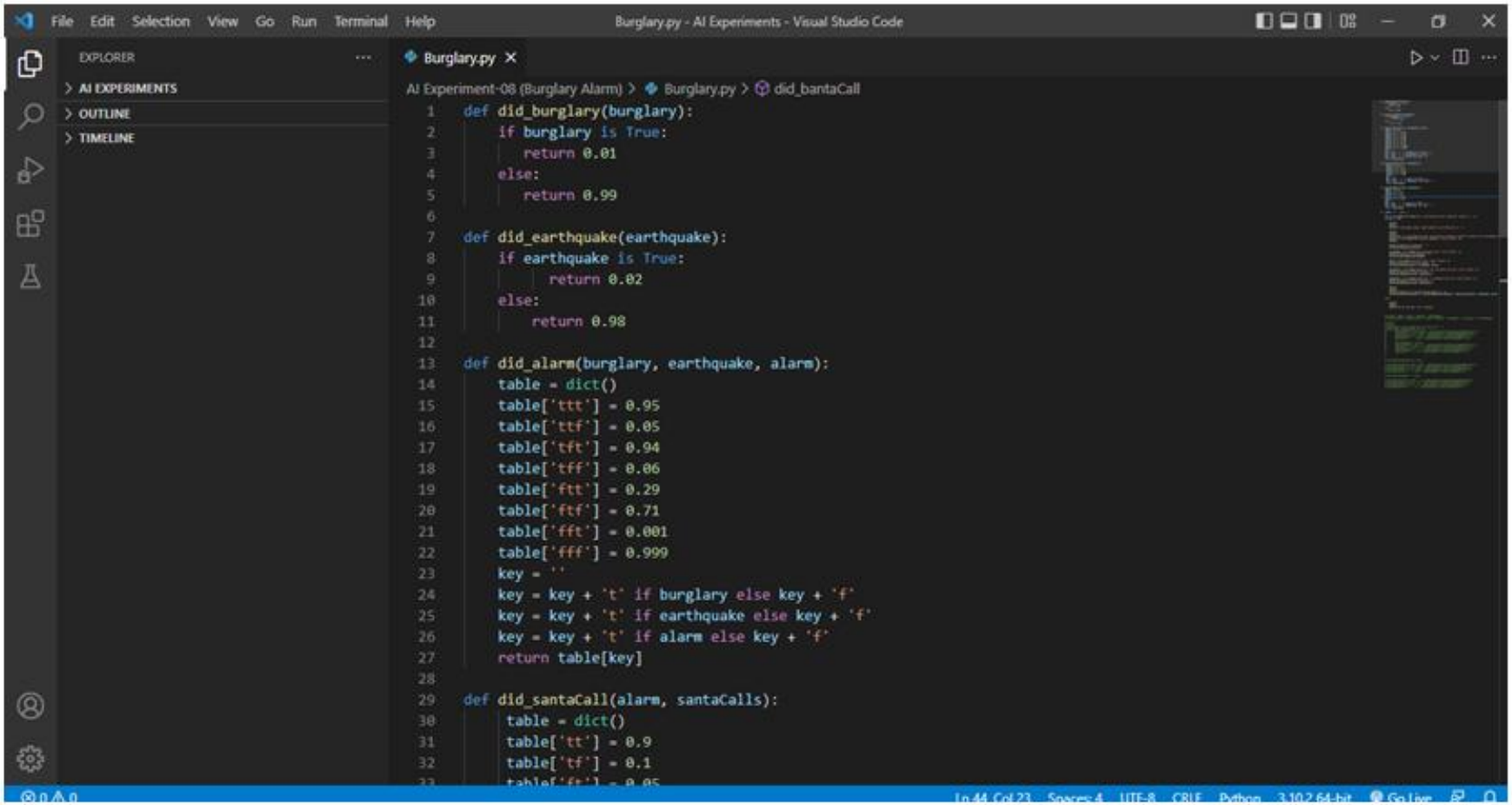
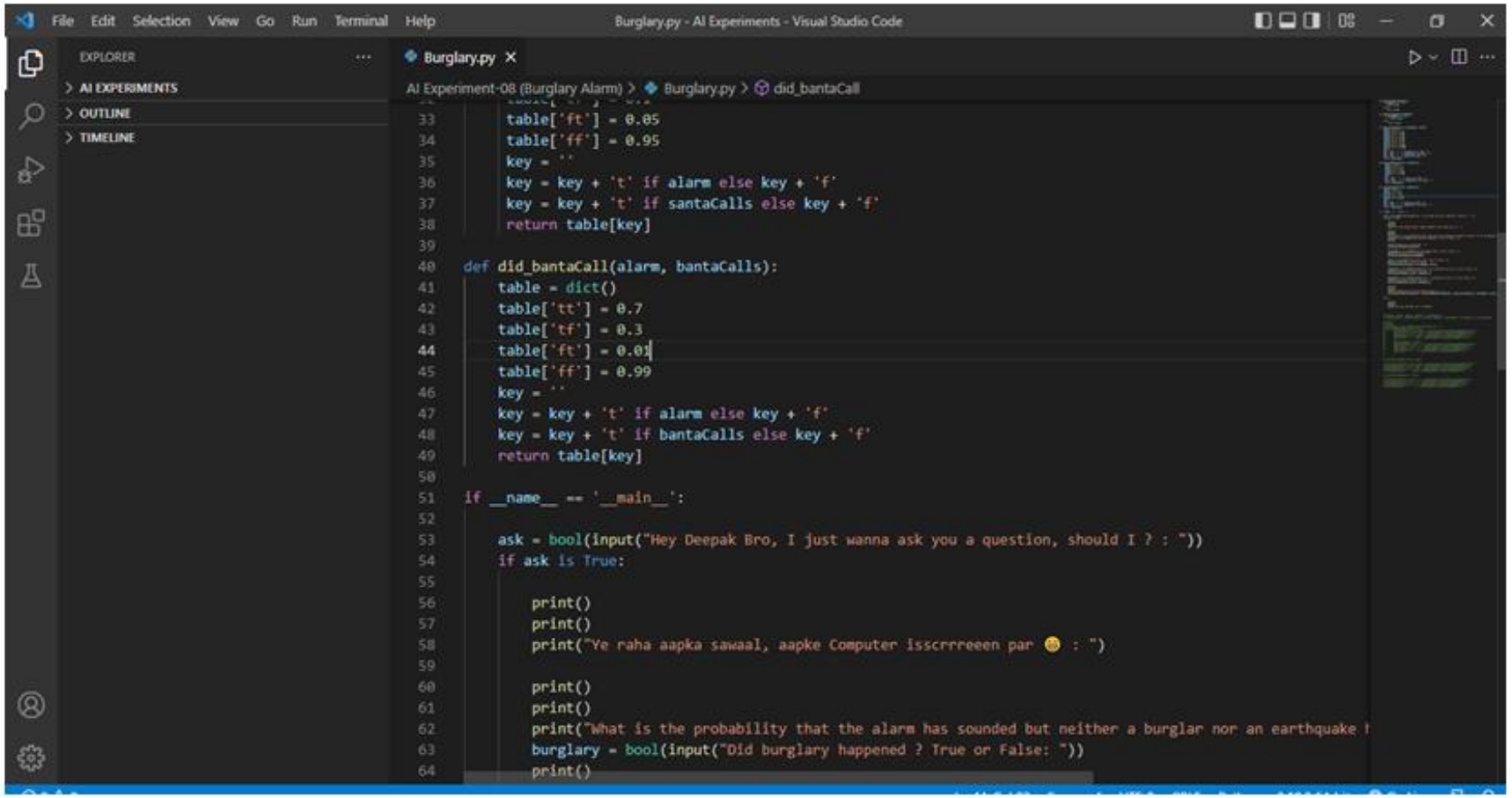
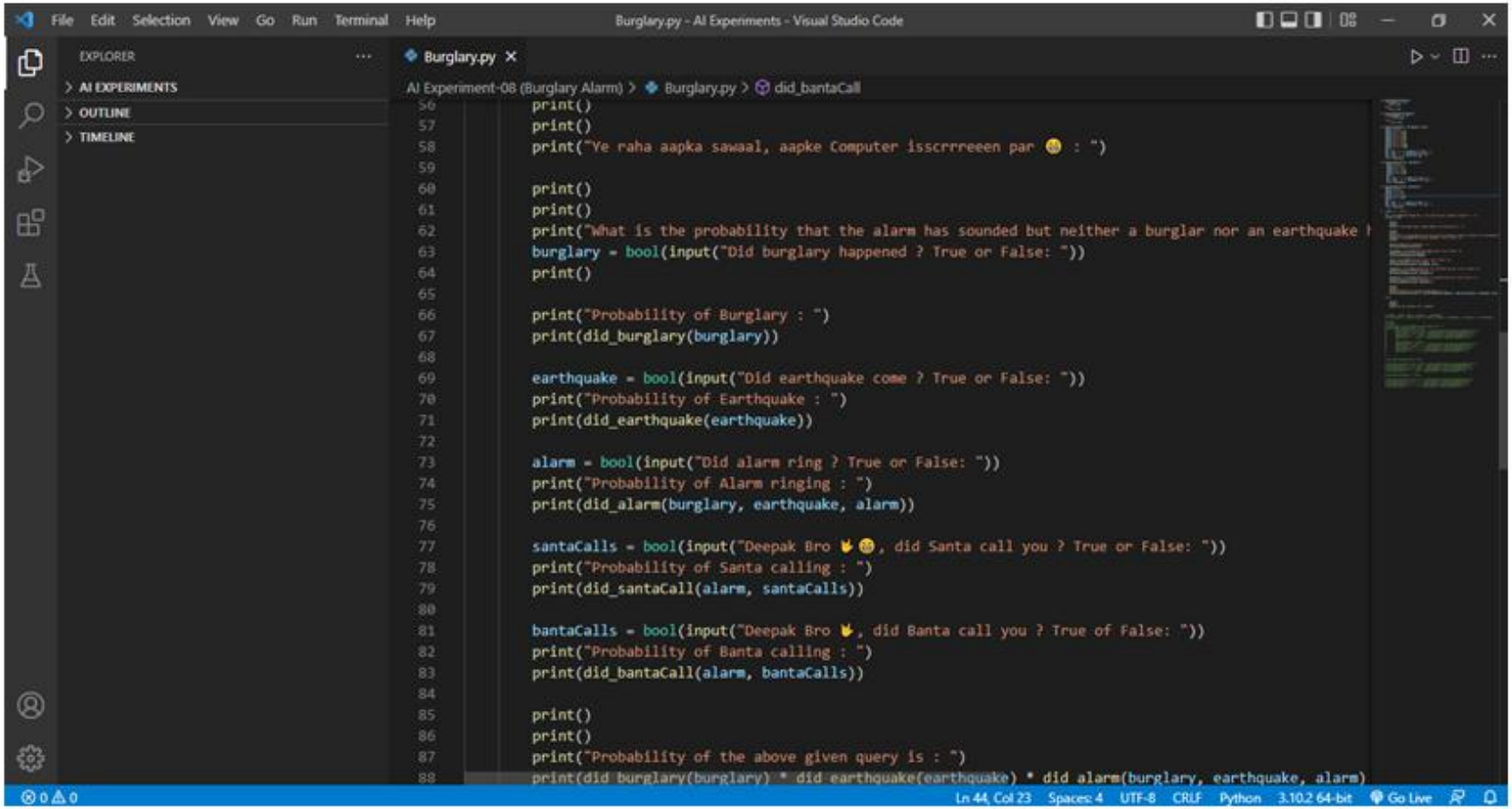
Implementation:



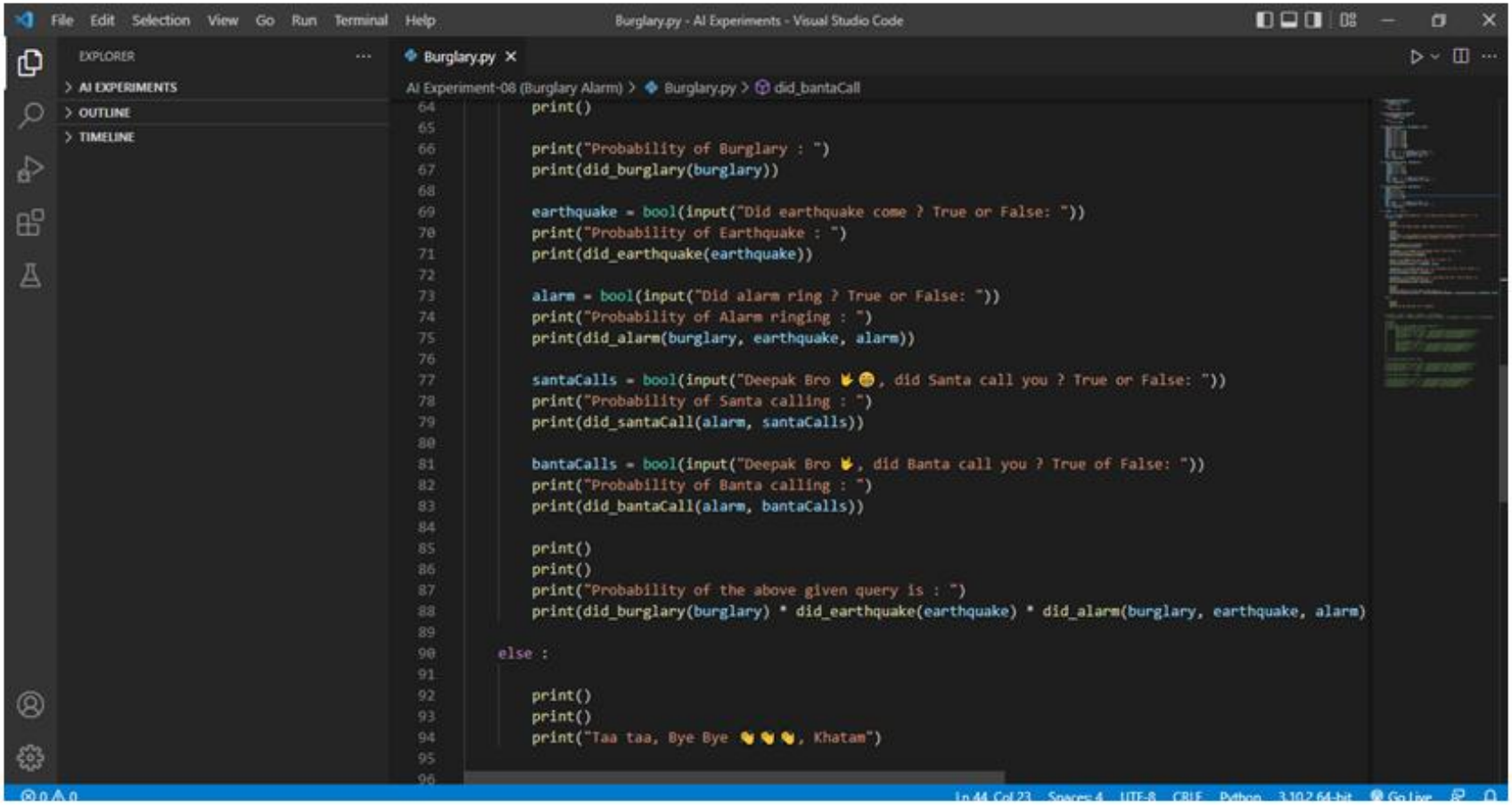
(Implementation Part – 01)



(Implementation Part – 02)

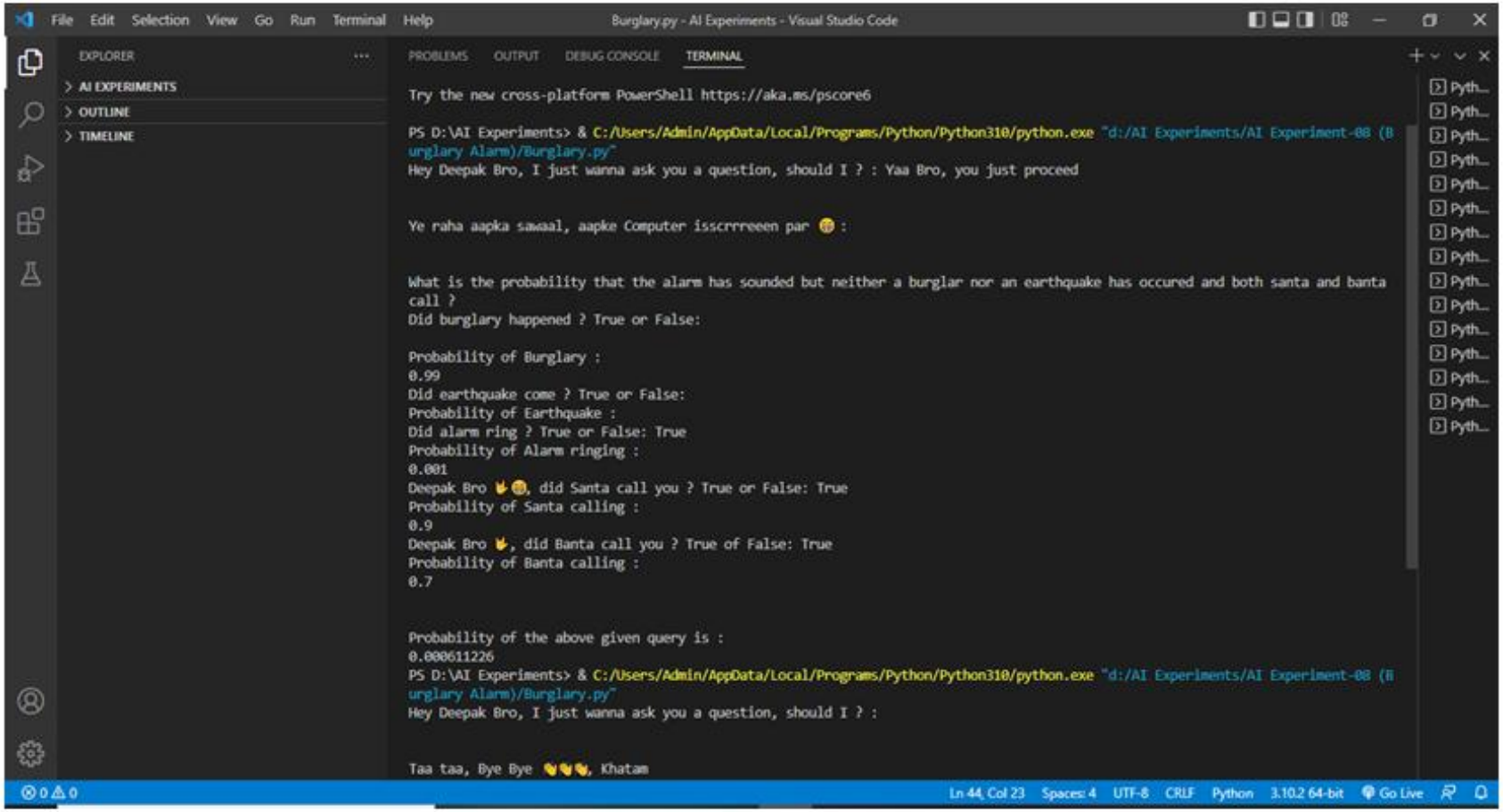


(Implementation Part – 03)



(Implementation Part – 04)

Output:


File Edit Selection View Go Run Terminal Help
Burglary.py - AI Experiments - Visual Studio Code
EXPLORER
AI EXPERIMENTS
OUTLINE
TIMELINE
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS D:\AI Experiments> & C:/Users/Admin/AppData/Local/Programs/Python/Python310/python.exe "d:/AI Experiments/AI Experiment-08 (Burglary Alarm)/Burglary.py"
Hey Deepak Bro, I just wanna ask you a question, should I ? : Yaa Bro, you just proceed
Ye raha aapka sawaal, aapke Computer isscrrreeen par :
What is the probability that the alarm has sounded but neither a burglar nor an earthquake has occured and both santa and banta call ?
Did burglary happened ? True or False:
Probability of Burglary :
0.99
Did earthquake come ? True or False:
Probability of Earthquake :
Did alarm ring ? True or False: True
Probability of Alarm ringing :
0.001
Deepak Bro , did Santa call you ? True or False: True
Probability of Santa calling :
0.9
Deepak Bro , did Banta call you ? True of False: True
Probability of Banta calling :
0.7
Probability of the above given query is :
0.000611226
PS D:\AI Experiments> & C:/Users/Admin/AppData/Local/Programs/Python/Python310/python.exe "d:/AI Experiments/AI Experiment-08 (Burglary Alarm)/Burglary.py"
Hey Deepak Bro, I just wanna ask you a question, should I ? :
Taa taa, Bye Bye , Khatam
Ln 44, Col 23 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit Go Live