INT Mini Project
Python

PROJECT REPORT

2022

Clock Angle Problem

TEAM MEMBERS

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About the Project

Project 18

The Project is a code to calculate the shorter angle between the hour and minute hand in an analog clock. The time should be given in hh:mm format in 24-hour notation

Stage 1.1

Using our previous knowledge of angles, we created a problem statement and fragmented it. A draft of the algorithm was written and the first part of the code was written. Neither bugs nor errors were encountered.

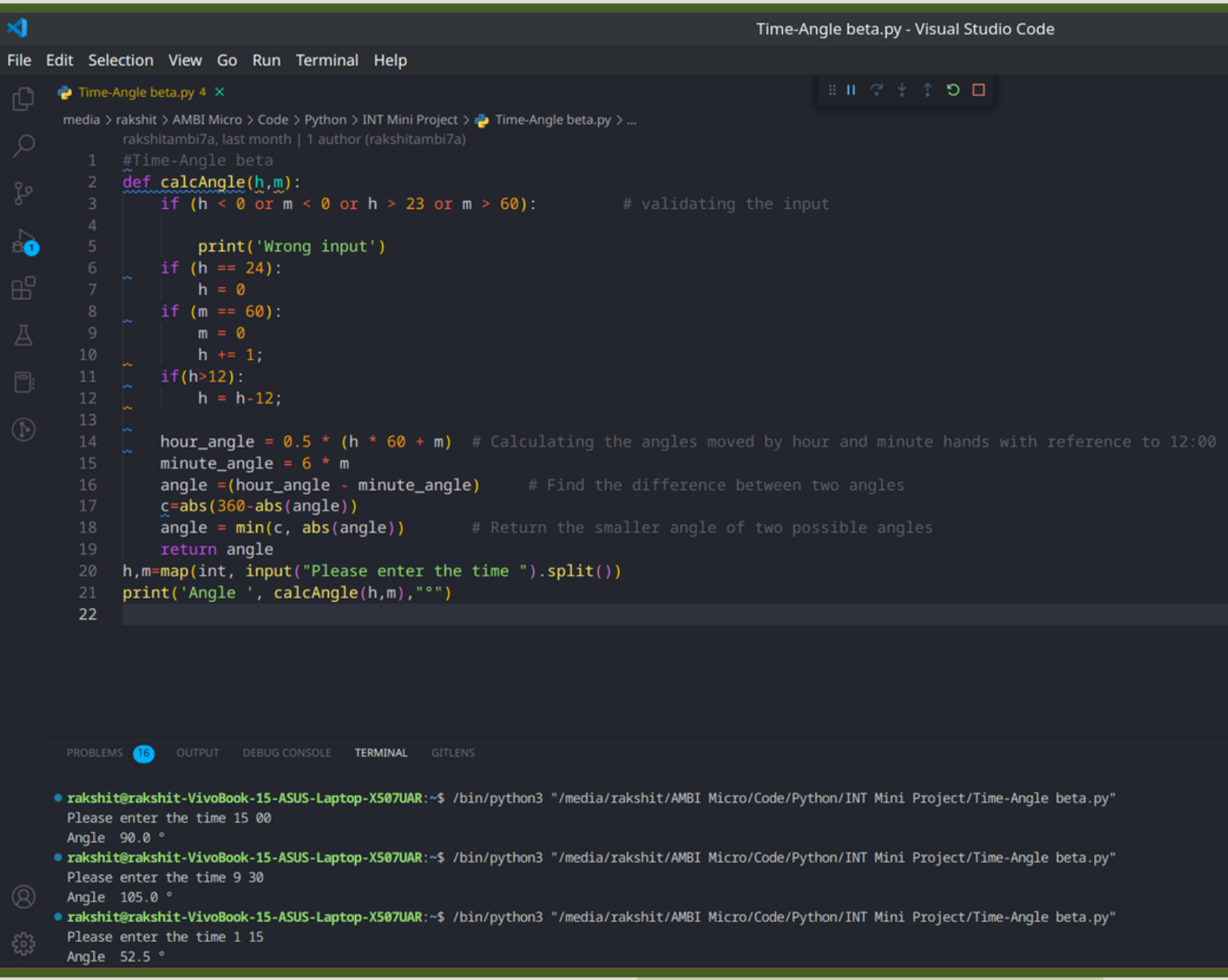
Stage 1.2

During the second part, the problem that we encountered was that of a negative angle. As soon as we input the time after 12, the angle came back negative, so we tweaked the algorithm and used the absolute function to fix it.

Stage 2.1

We encountered the second problem when the angle was surpassing the 360-Degree mark. We got rid of it by tweaking the code again. After that our code was ready.

Final Output



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Thank You