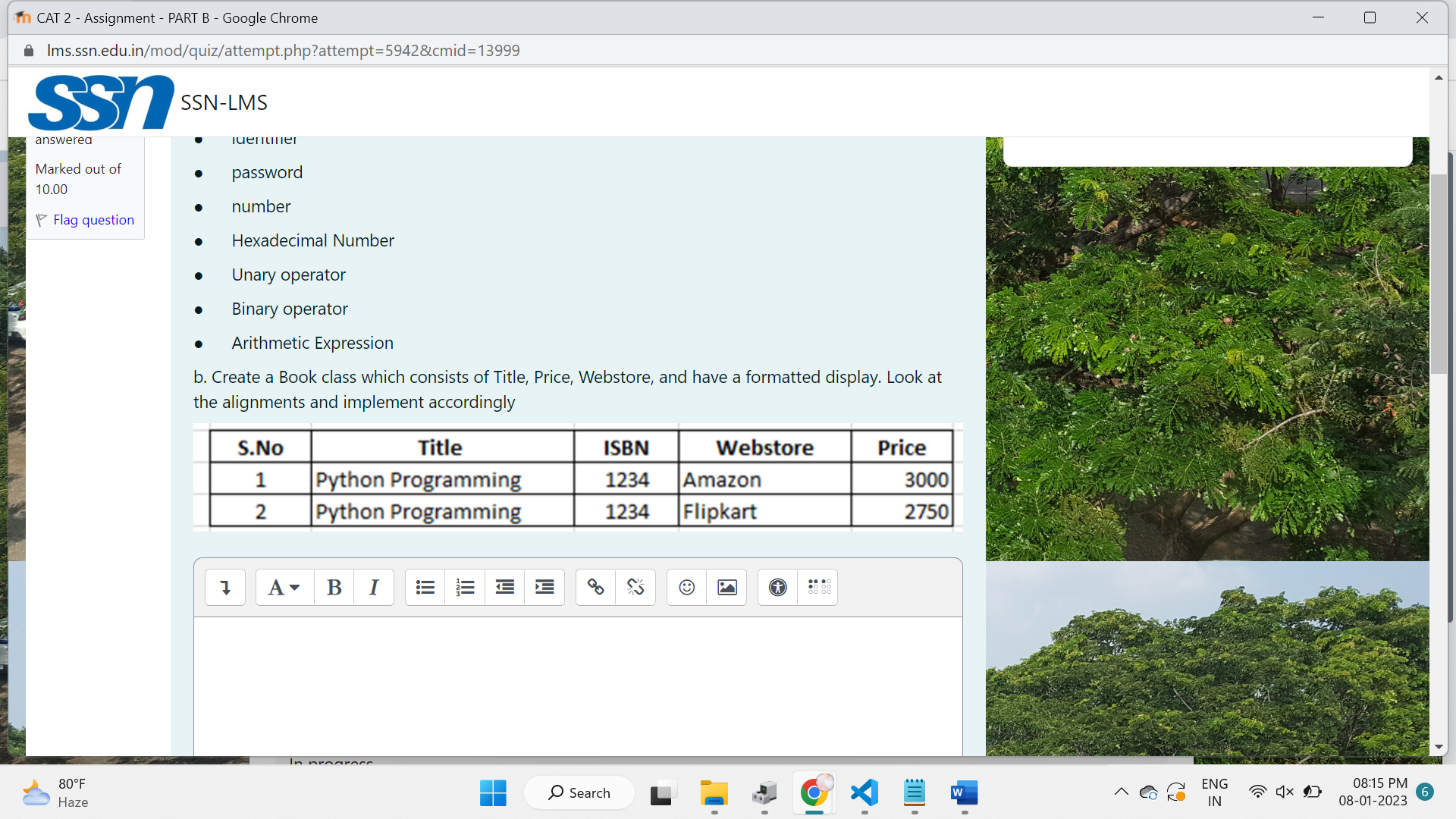
**UIT2301 – PROGRAMMING AND DESIGN PATTERNS**

**PART B**

**Name:** B.Vasundhara

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**Question:**



**Problem statement:**

To develop an application that contains the details of the book and display it in a formatted manner as shown in the question using string formatting.

**Why string formatting?**

Returns a Variant (String) containing an expression formatted according to instructions contained in a format expression.

 gap=" "\*3

        heading=f"{'Sno':3s}{gap}{'Title':23s}{gap}{'ISBN':5s}{gap}{'Webstore':10s}{gap}{'Price':6s}"

        print('='\*60)

        print(heading)

        print("-"\*60)

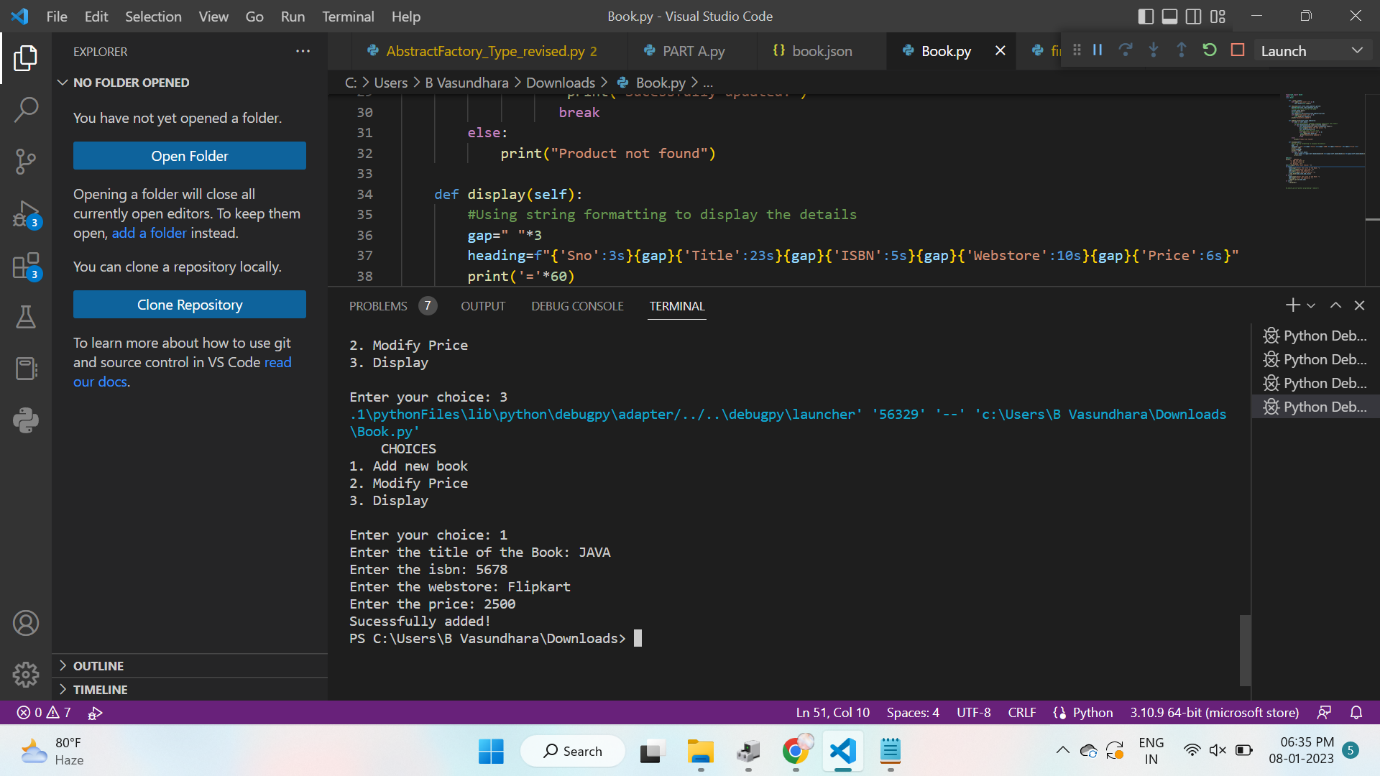
        for book in self.books:

            rec=f"{book:3s}{gap}{self.books[book][0]:23s}{gap}{self.books[book][1]:5d}{gap}{self.books[book][2]:10s}{gap}{self.books[book][3]:6d}"

            print(rec)

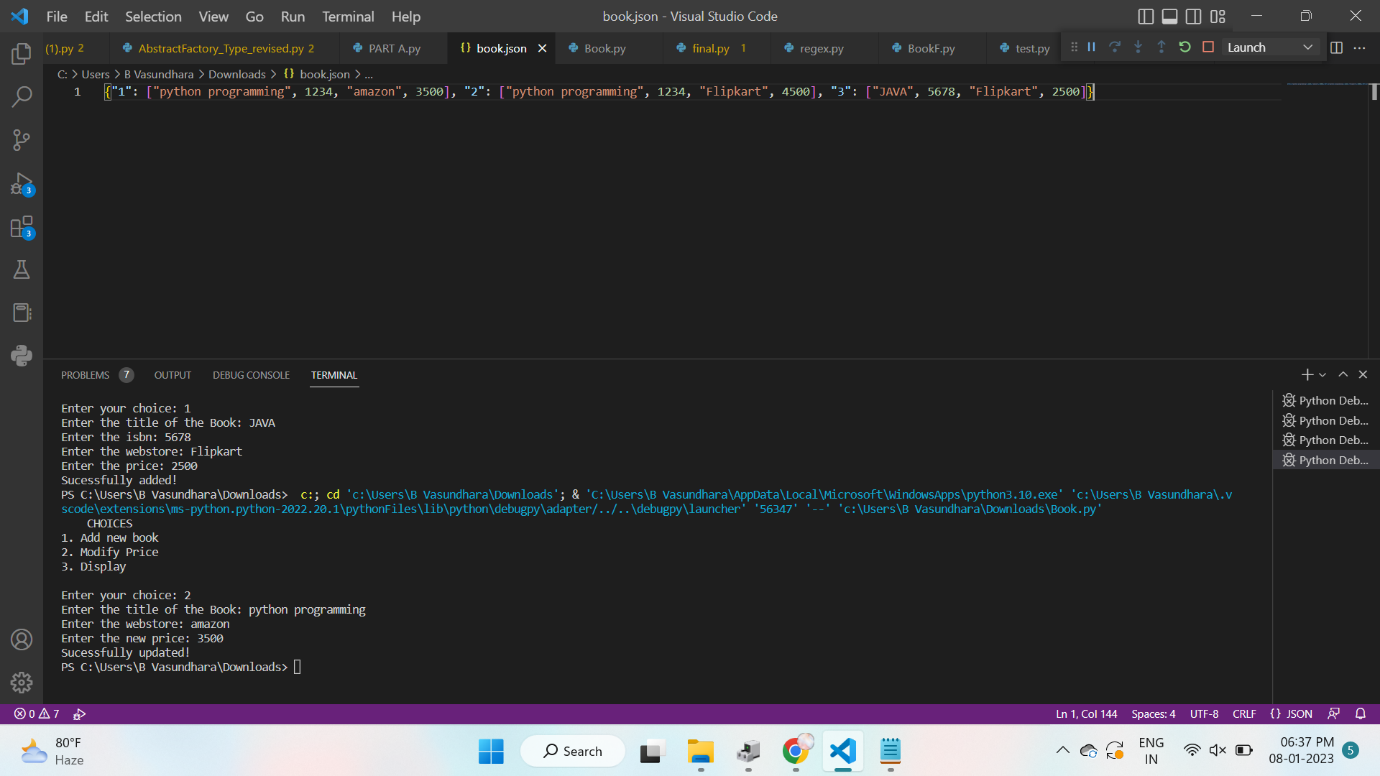
**OUTPUT:**

1. **Adding new book**

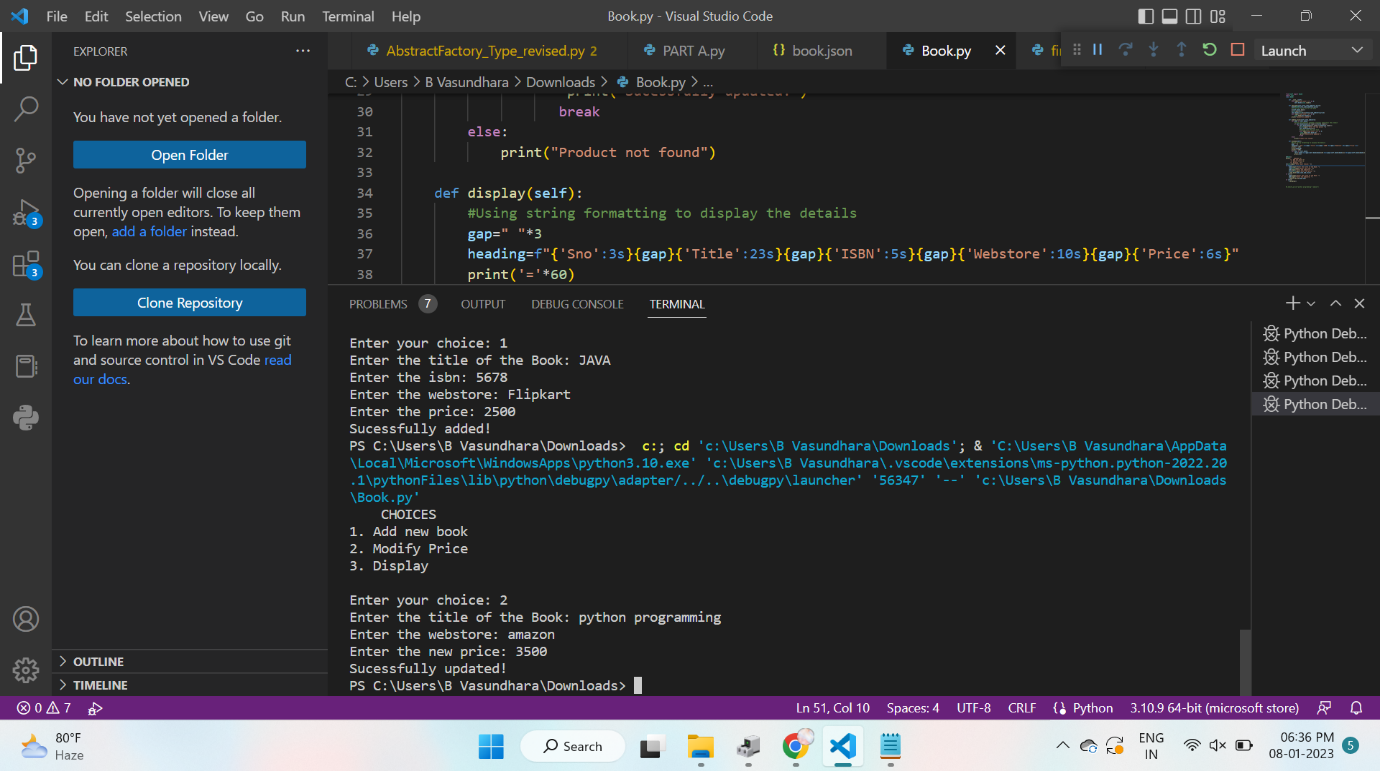
****

**A screenshot of a computer

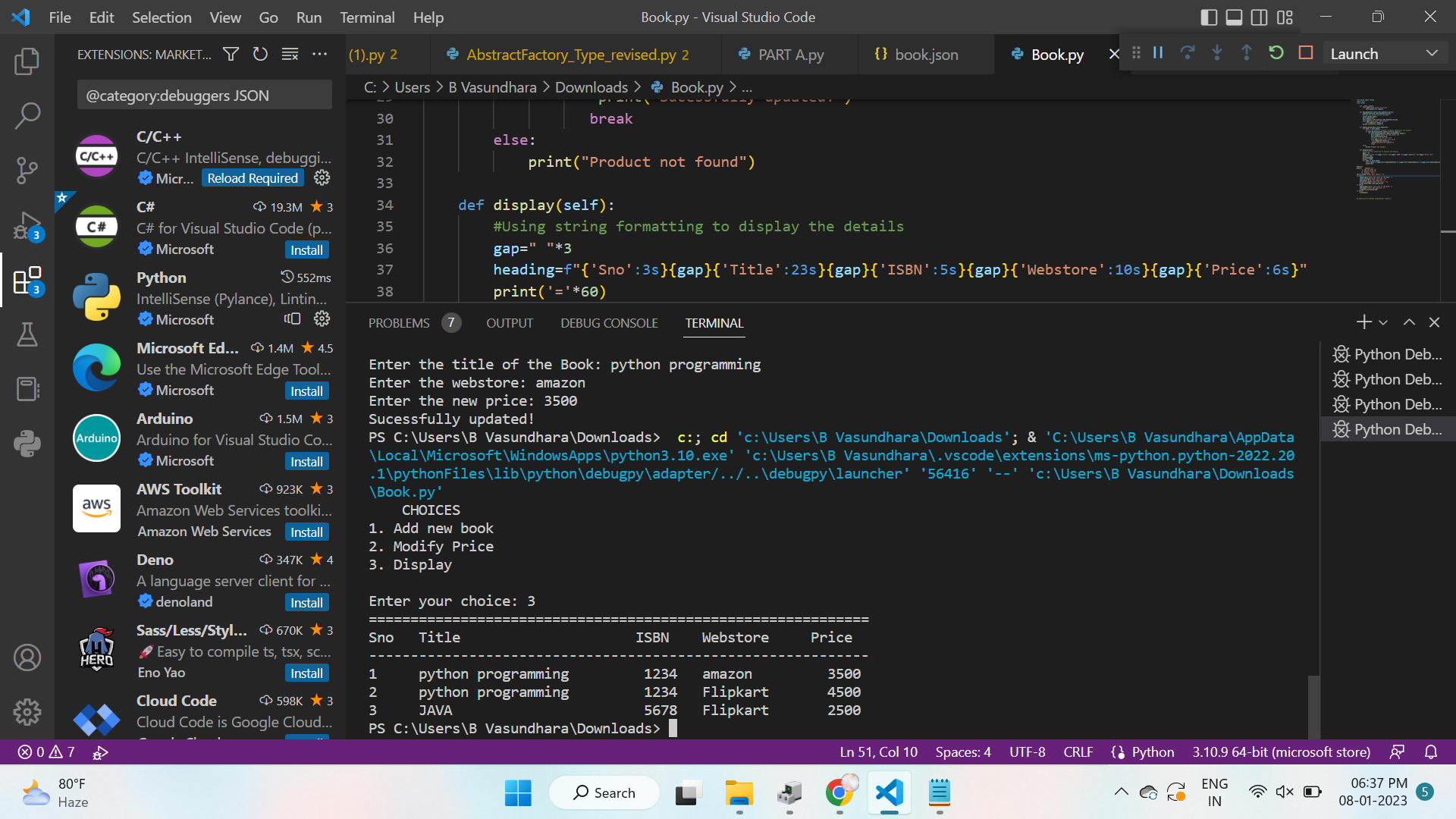
Description automatically generated**

****

1. **Modifying price**

****

1. **Displaying the details**

****