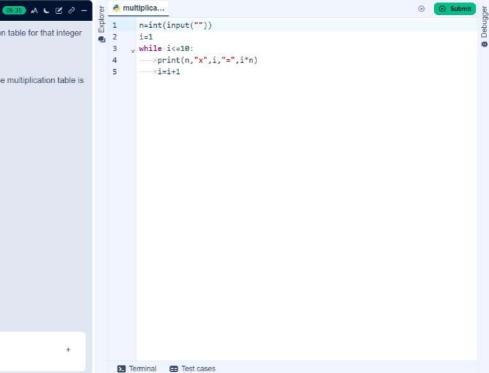
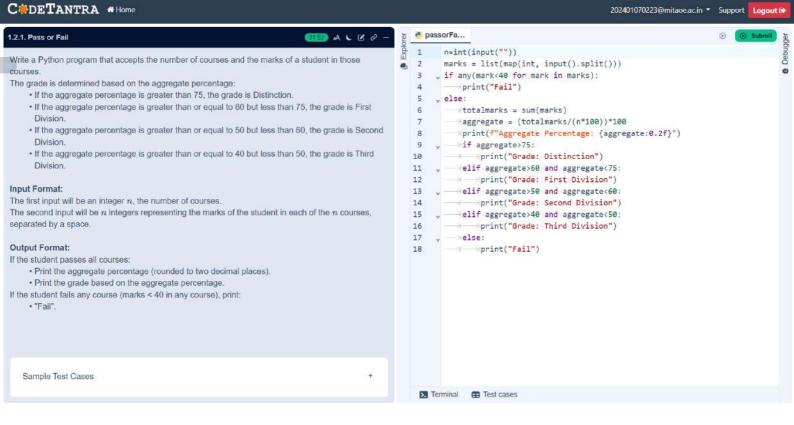
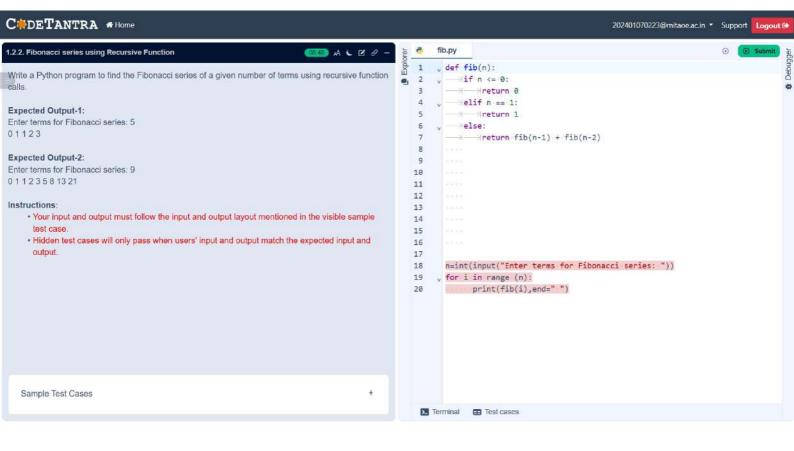


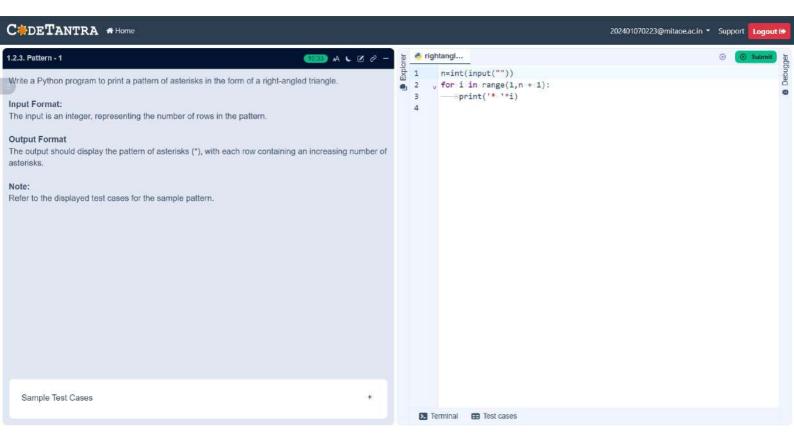


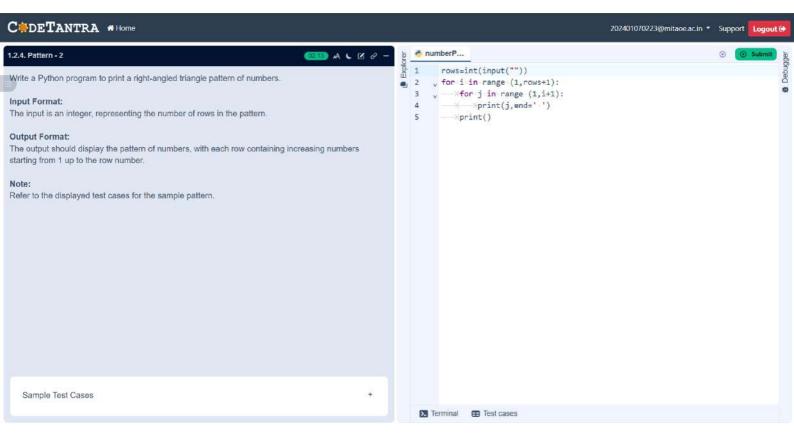
1.1.5. Multiplication Table

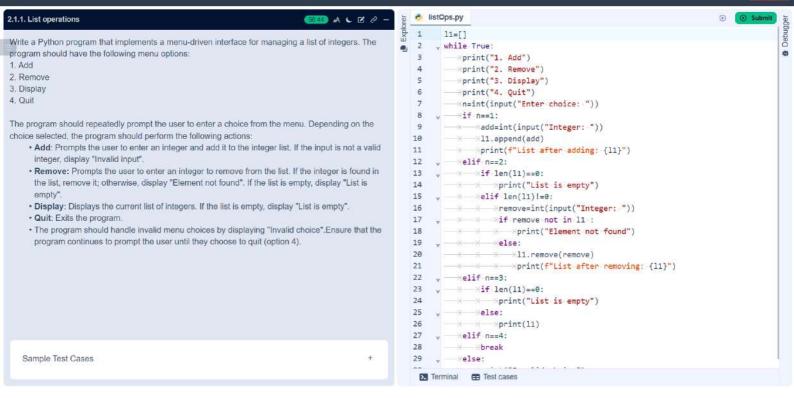






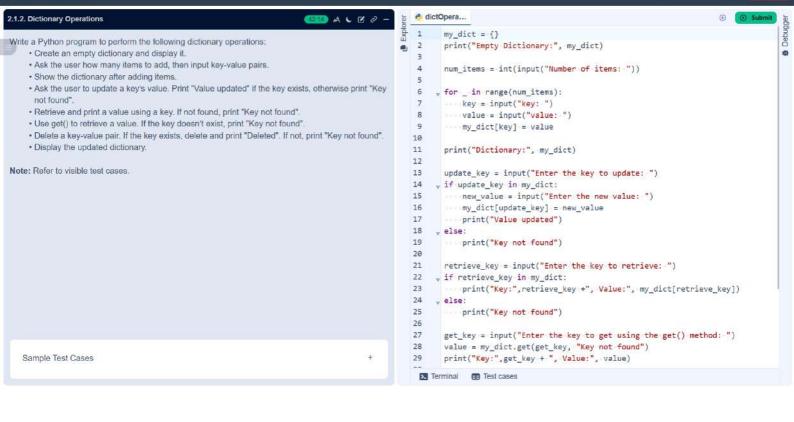






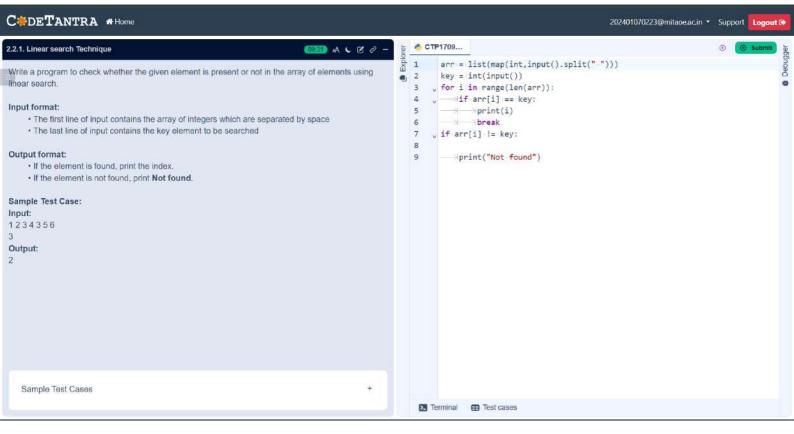
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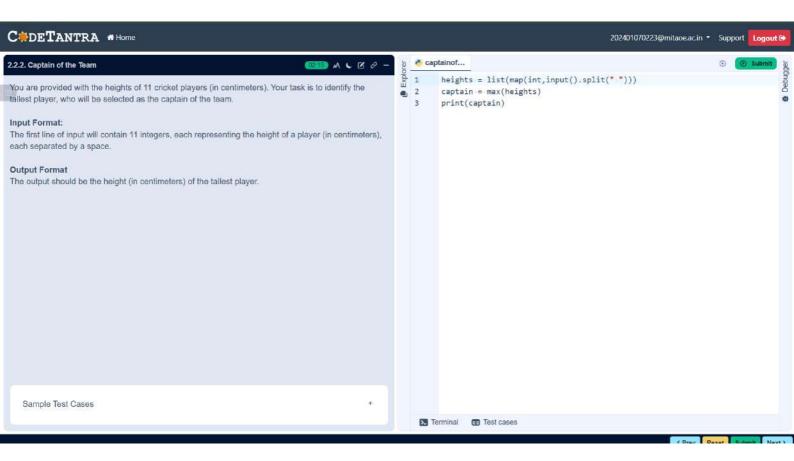
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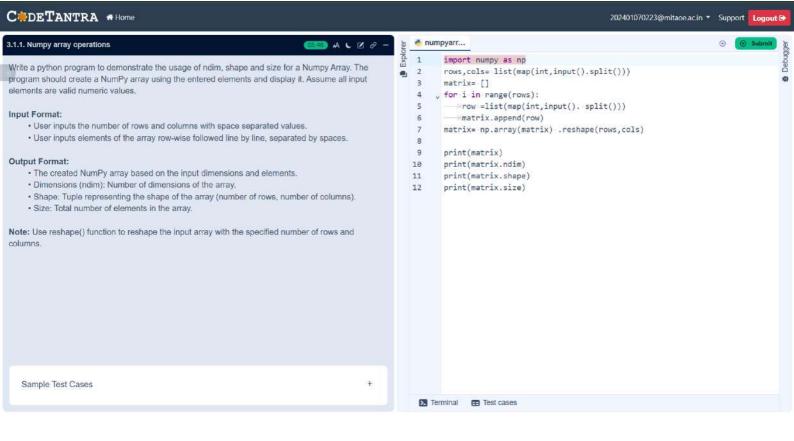


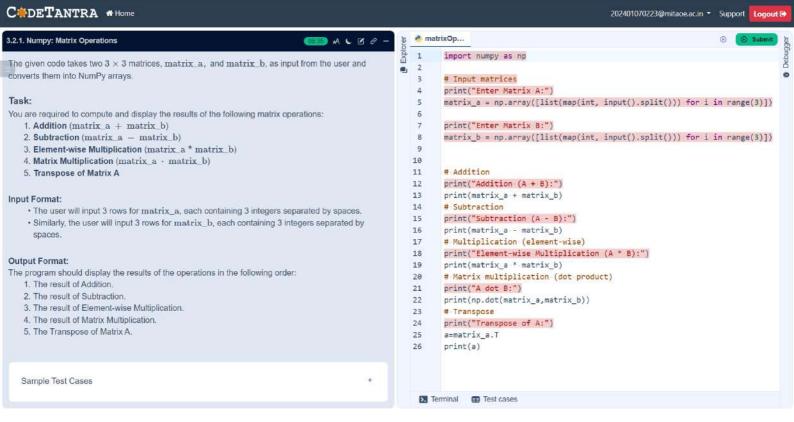
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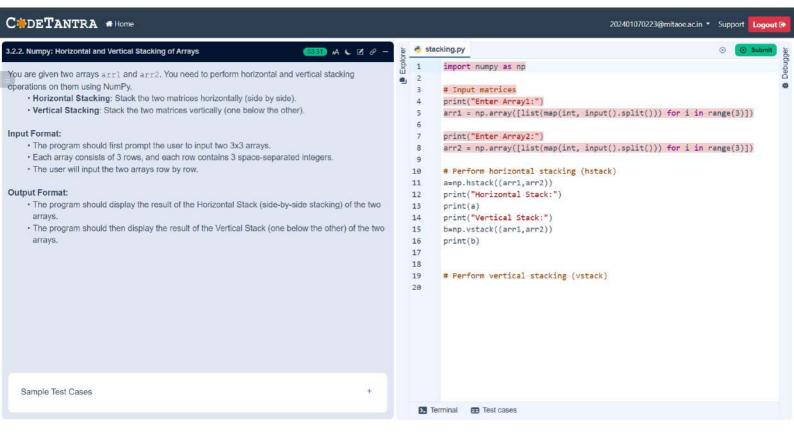
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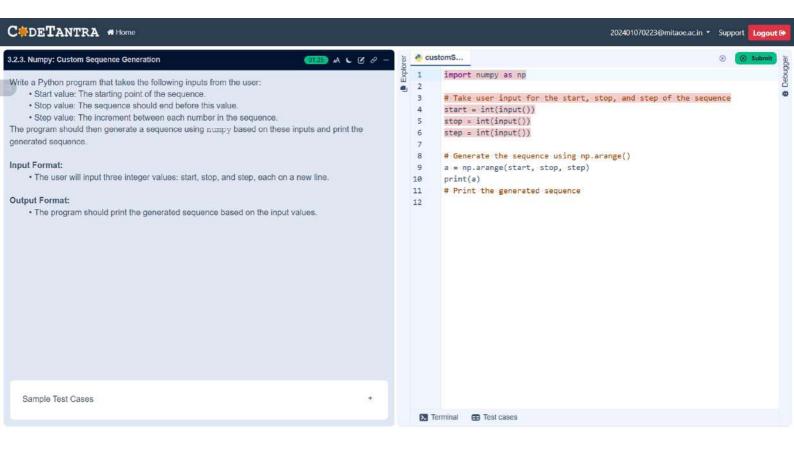


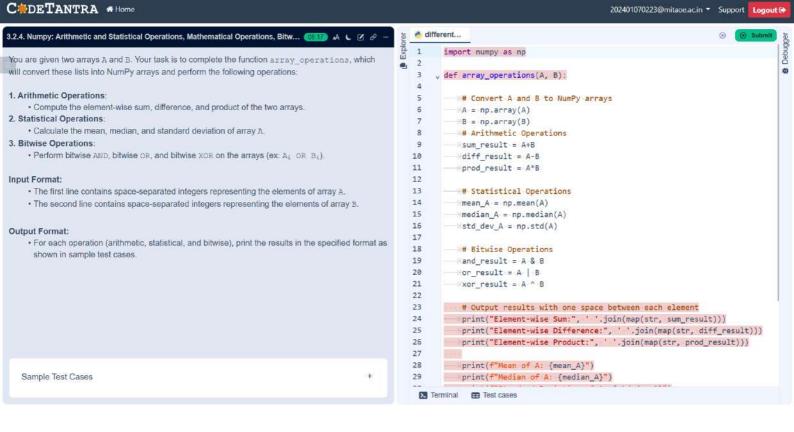


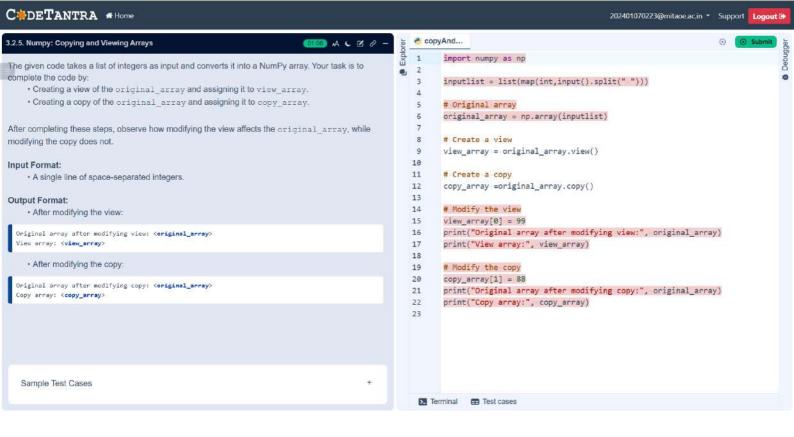


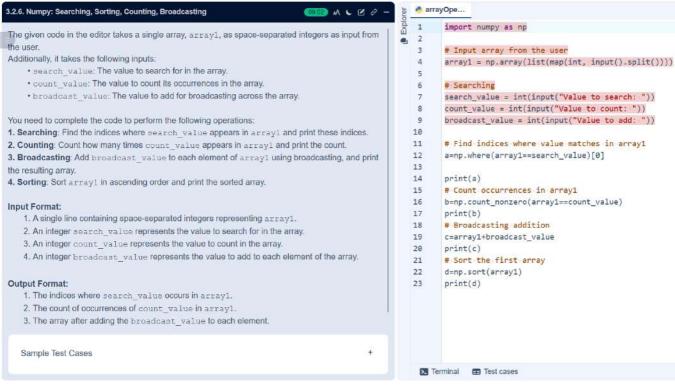


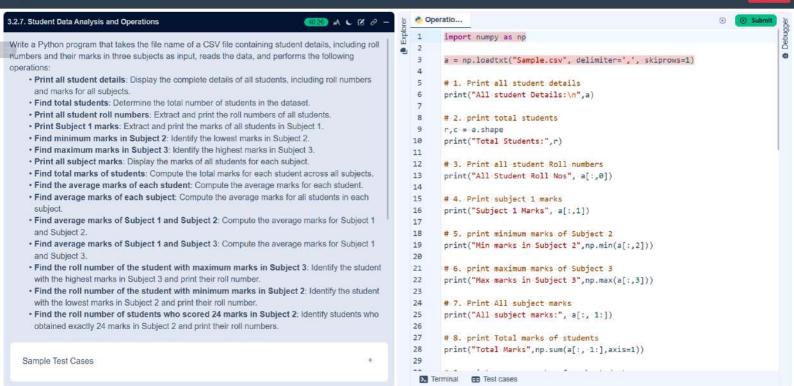






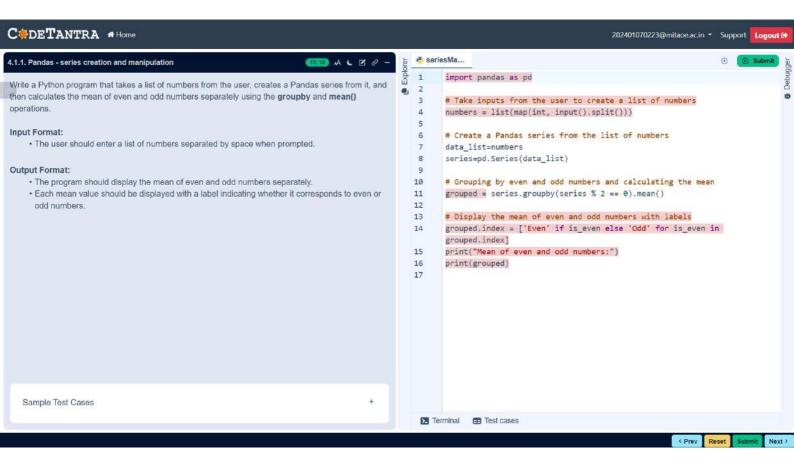


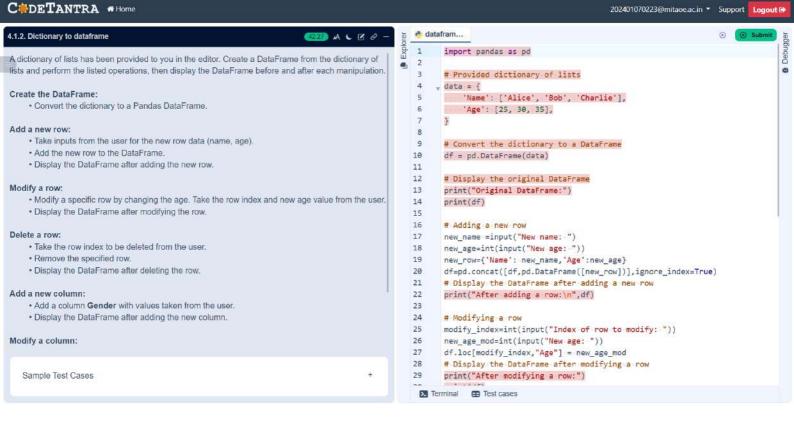


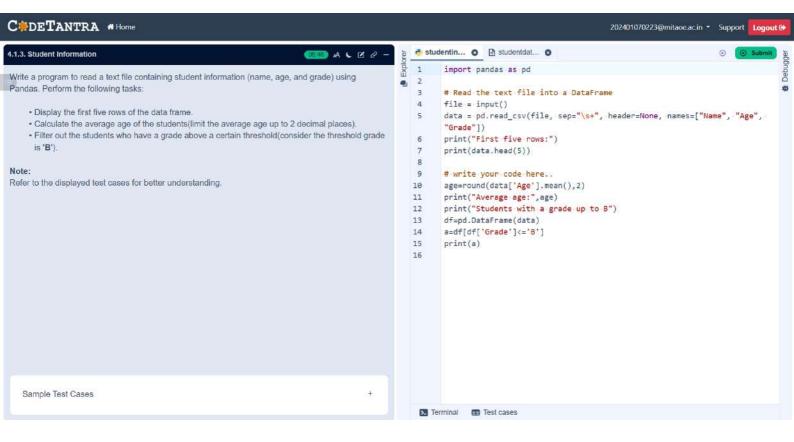


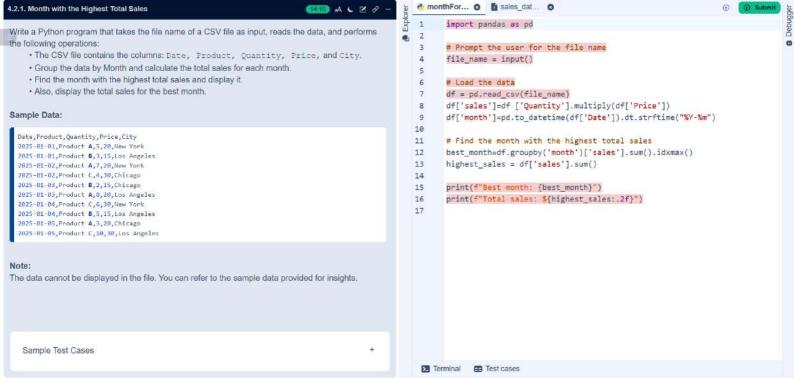
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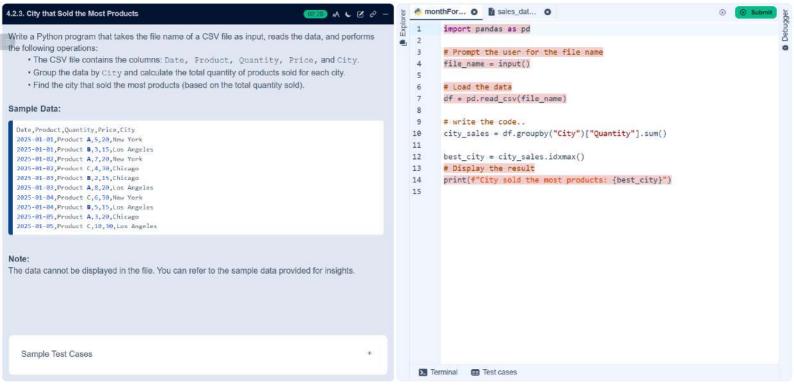


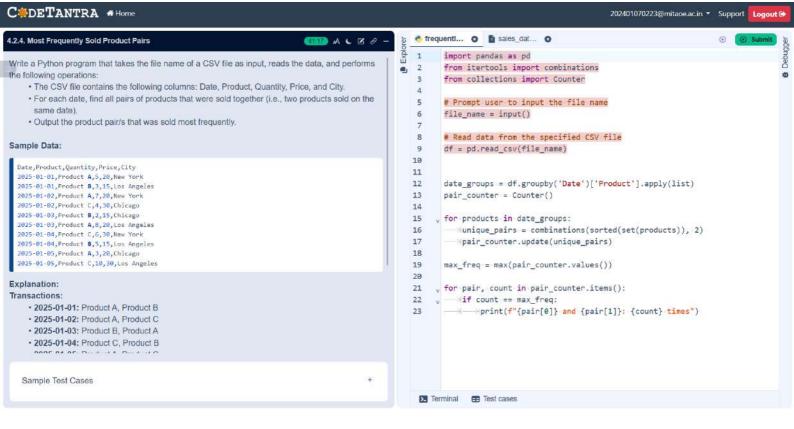


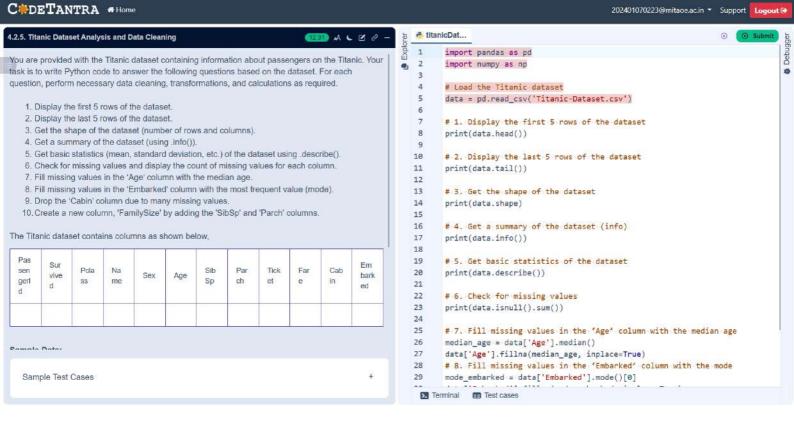
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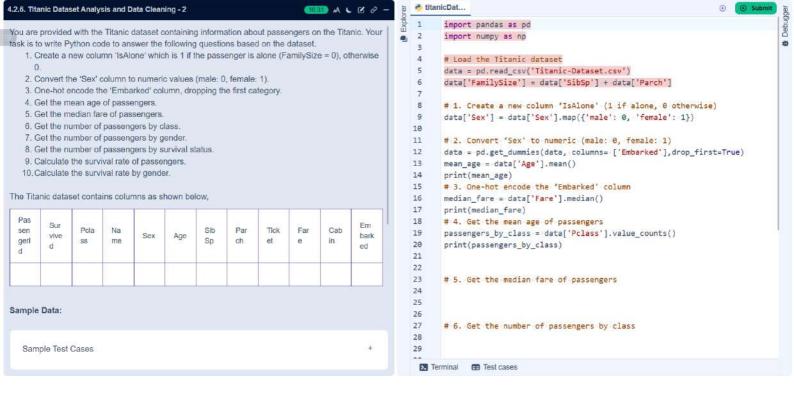
4.2.2. Best Selling Product

```
monthFor...  sales_dat...
1
      import pandas as pd
2
      # Prompt the user for the file name
3
4
      file_name = input()
5
6
      # Load the data
7
      df = pd.read_csv(file_name)
8
9
10
      # Find the product with the highest total quantity sold
11
      product_sales =df.groupby("Product")["Quantity"].sum()
12
13
      best_product = product_sales.idxmax()
      highest_quantity = product_sales.max()
14
15
16
      # Display the result
       print(f"Best selling product: {best_product}")
17
18
      print(f"Total quantity sold: {highest_quantity}")
19
 Terminal Test cases
```









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