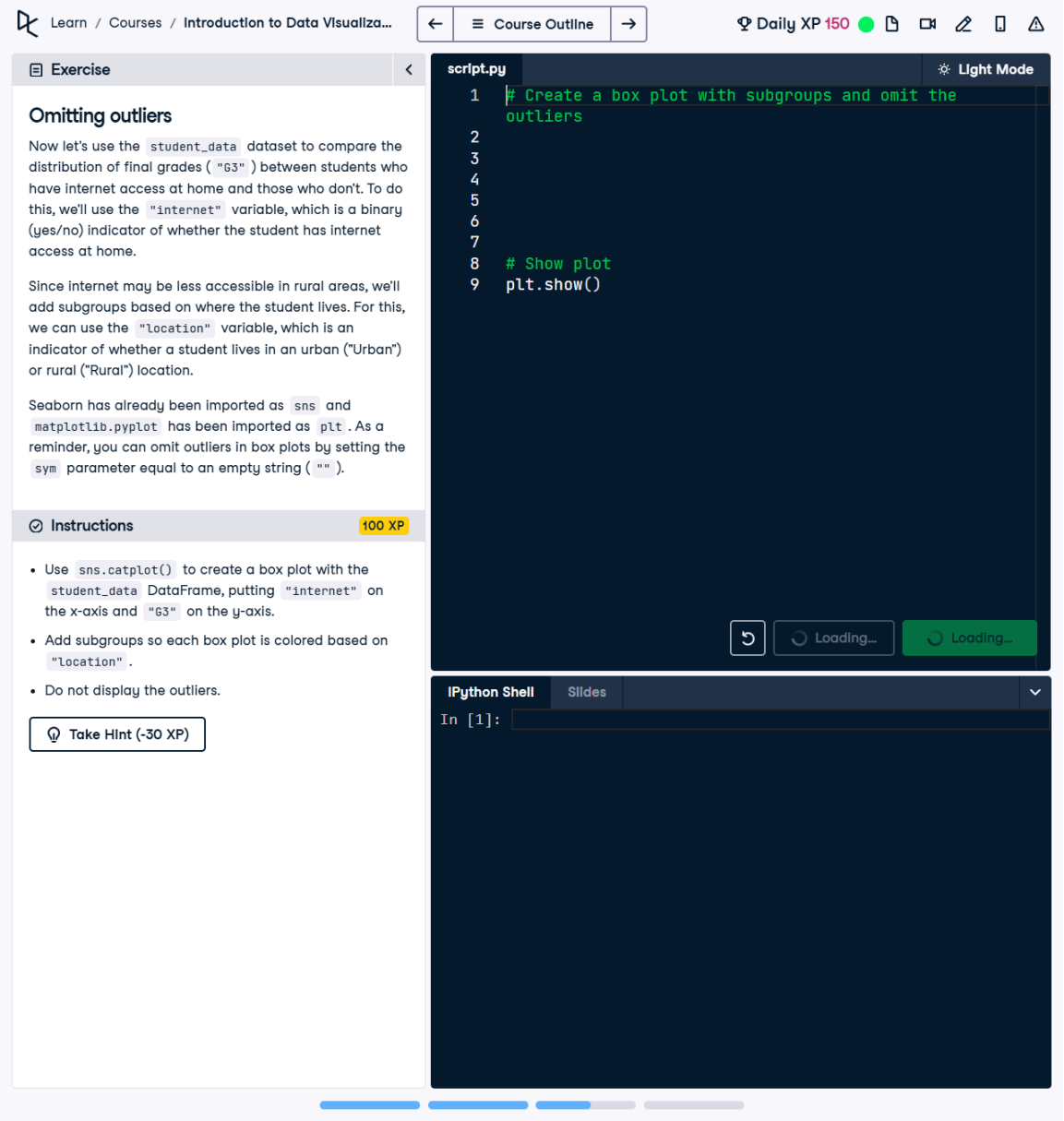

Final Document: Omitting Outliers in a Box Plot (Corrected Code)

Use sns.catplot() to create a box plot with the student_data DataFrame, putting 'internet' on the x-axis and 'G3' on the y-axis. Add subgroups so each box plot is colored based on 'location'. Do not display the outliers.

Correct Answer

To omit outliers in a box plot and add subgroups based on 'location', use sns.catplot() with 'kind' set to 'box' and set the 'sym' parameter to an empty string. Below is the working code:

```
import seaborn as sns
import matplotlib.pyplot as plt

# Create a box plot with subgroups and omit the outliers
sns.catplot(x='internet', y='G3',
            data=student_data,
            kind='box',
            hue='location',
            sym='')

# Show plot
plt.show()
```

Explanation

1. Import seaborn and matplotlib.pyplot for creating visualizations.
2. Use sns.catplot() to create a box plot with:
   - 'x' set to 'internet' to display whether students have internet access.
   - 'y' set to 'G3' to display final grades.
   - 'kind' set to 'box' to create a box plot.
   - 'hue' set to 'location' to color the box plots based on whether the location is Urban or Rural.
   - 'sym' set to an empty string ('') to omit the outliers.
   - 'data' set to student_data, the DataFrame containing the data.
3. Use plt.show() to render and display the plot.