

The screenshot shows a dark-themed interface of Visual Studio Code (VS Code) with the following details:

- Project Explorer:** On the left, it shows a project named "Collections\_Assignment" located at "D:\PythonProject1\Collections\_Assig". Inside the project are ".venv", "main.py", "External Libraries", and "Scratches and Consoles".
- Code Editor:** The main area displays the content of "main.py". The code defines a function `get\_letter\_grade` that takes an average score and returns a letter grade based on the following scale:

```
def get_letter_grade(avg):    if avg >= 90:        return "A"    elif avg >= 80:        return "B"    elif avg >= 70:        return "C"    elif avg >= 60:        return "D"    else:        return "F"
```

The code then prompts for student name and four grades, calculates the average, and prints the result.

```
# Input
student_name = input("Enter student name: ")
15
g1 = int(input("Enter grade 1: "))
16
g2 = int(input("Enter grade 2: "))
17
g3 = int(input("Enter grade 3: "))
18
g4 = int(input("Enter grade 4: "))
19
avg = (g1 + g2 + g3 + g4) / 4
20
print(f"\n{student_name}, your average is {avg:.1f} and your letter grade is {get_letter_grade(avg)}")
```
- Terminal:** Below the editor is a terminal window titled "Run" showing the execution of the script. It displays the user input for grades and the resulting output:

```
Enter grade 4: 80
Enter grade 5: 100
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Average: 84.8
Letter Grade: B
Process finished with exit code 0
```
- Status Bar:** At the bottom, the status bar shows the file path "Collections\_Assignment > main.py", the file size "29:9", encoding "CRLF", character set "UTF-8", indentation "4 spaces", and the Python version "Python 3.14 (Collections\_Assignment)".