```
MENU
1. Show Statistics
2. Show Grades
3. Show Pass/Fail
4. Show Results Table
5. Exit
Enter choice: 5
Thank you for using Gradebook Analyzer
PS C:\Users\Vishal\Documents\Python\Assignment 2> []
```

```
PASS/FAIL SUMMARY
Total Students: 5
Passed: 3
Failed: 2
Passed Students:
A
B
C
Failed Students:
D
E

MENU
1. Show Statistics
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4. Show Results Table
5. Exit
Enter choice: 4

RESULTS TABLE
Name        Marks        Grade
A        94.0        A
B        88.0        B
C        40.0        F
D        30.0        F
E        25.0        F
```

```
STATISTICS
Total Students: 5
Average: 55.4
Median: 40.0
Highest: 94.0 - A
Lowest: 25.0 - E

MENU
1. Show Statistics
2. Show Grades
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4. Show Results Table
5. Exit
Enter choice: 2

GRADE DISTRIBUTION
Grade A: 1
Grade B: 1
Grade C: 0
Grade D: 0
Grade F: 3

MENU
1. Show Statistics
2. Show Grades
3. Show Pass/Fail
4. Show Results Table
5. Exit
Enter choice: 3
```

```
Welcome to Gradebook Analyzer

How many students are in the class? 5
Student 1
Name: A
Marks: 94
Student 2
Name: B
Marks: 88
Student 3
Name: C
Marks: 40
Student 4
Name: D
Marks: 30
Student 5
Name: E
Marks: 25
Data entry complete

MENU
1. Show Statistics
2. Show Grades
3. Show Pass/Fail
4. Show Results Table
5. Exit
Enter choice: 1
```