

```
1.Add Student
2.Display All
3.Find by Grade
4.Class Average and Above/Below
5.Search by Roll Number
6.Search by Name
7.Exit
Choice: 1
Name: Alex
Roll Number: 1001
Marks for Subject 1 (0-100): 86
Marks for Subject 2 (0-100): 75
Marks for Subject 3 (0-100): 79
Added!
```

```
1.Add Student
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7.Exit
Choice: 1
Name: Sarah
Roll Number: 1002
Marks for Subject 1 (0-100): 98
Marks for Subject 2 (0-100): 95
Marks for Subject 3 (0-100): 96
Added!
```

```
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7.Exit
Choice: 1
Name: Charles
Roll Number: 1003
Marks for Subject 1 (0-100): 87
Marks for Subject 2 (0-100): 89
Marks for Subject 3 (0-100): 82
Added!
```

```
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```

Choice: 1

Name: John

Roll Number: 1004

Marks for Subject 1 (0-100): 54

Marks for Subject 2 (0-100): 34

Marks for Subject 3 (0-100): 45

Added!

```
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```

Choice: 1

Name: James

Roll Number: 1005

Marks for Subject 1 (0-100): 66

Marks for Subject 2 (0-100): 67

Marks for Subject 3 (0-100): 59

Added!

```
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```

Choice: 1

Name: Olive

Roll Number: 1006

Marks for Subject 1 (0-100): 34

Marks for Subject 2 (0-100): 39

Marks for Subject 3 (0-100): 56

Added!

```
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```

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7.Exit
Choice: 2

Name	RollNo	Sub1	Sub2	Sub3	Percentage	Grade
Alex	1001	86.00	75.00	79.00	80.00	A
Sarah	1002	98.00	95.00	96.00	96.33	A+
Charles	1003	87.00	89.00	82.00	86.00	A
John	1004	54.00	34.00	45.00	44.33	F
James	1005	66.00	67.00	59.00	64.00	B
Olive	1006	34.00	39.00	56.00	43.00	F

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Choice: 3
Grade (A+, A, B+, B, C, F): A+

Name	RollNo	Percentage
Sarah	1002	96.33

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Choice: 3
Grade (A+, A, B+, B, C, F): A

Name	RollNo	Percentage
Alex	1001	80.00
Charles	1003	86.00

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Choice: 4

Class Average: 68.94

Above Average:

Name	RollNo	Percentage
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Alex	1001	80.00
------	------	-------

Sarah	1002	96.33
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Charles	1003	86.00
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Below Average:

Name	RollNo	Percentage
------	--------	------------

John	1004	44.33
------	------	-------

James	1005	64.00
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Olive	1006	43.00
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Choice: 5

Roll Number: 1002

Name	RollNo	Sub1	Sub2	Sub3	Percentage	Grade
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Sarah	1002	98.00	95.00	96.00	96.33	A+
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7.Exit

Choice: 6

Name: Olive

Name	RollNo	Sub1	Sub2	Sub3	Percentage	Grade
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Olive	1006	34.00	39.00	56.00	43.00	F
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7.Exit

Choice: 6

Name: Olive

Name	RollNo	Sub1	Sub2	Sub3	Percentage	Grade
Olive	1006	34.00	39.00	56.00	43.00	F

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6.Search by Name

7.Exit

Choice: 7

Process exited after 200 seconds with return value 0

Press any key to continue . . .