

## CASE 1

Enter the file name: ProjectIn\_1.txt

Enter the number of students (1-20): 20

Data is successfully saved!!

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 5

Name	ID	Assin.	Exams	Total
Lindsay_Costa	201201201	59	33	92
Clarissa_Fuen	201203250	41	10	51
Brooklyn_Mcka	201205299	44	38	82
Mohamed_Knapp	201207348	39	15	54
Maddox_Murray	201209397	37	18	55
Shane_Logan	201211446	28	26	54
Amelia_Pierce	201213495	24	15	39
Ashleigh_Delg	201215544	31	31	62
Dax_Jarvis	201217593	42	10	52
Jayda_Kirby	201219642	22	40	62
Ronin_Cherry	201221691	31	28	59
Finn_Sosa	201223740	32	24	56
Erik_Boyer	201225789	28	21	49
German_Clemen	201227838	57	13	70
Javion_Mosley	201229887	40	26	66
Franklin_Day	201231936	52	25	77
Kenya_Wolfe	201233985	21	11	32
Kyan_Farmer	201236034	49	38	87
Harmony_Mayer	201238083	52	38	90
Benjamin_Fran	201240132	25	30	55

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student:
  5. Print details for all students
- Please select your option (1-5): 1
1. Assignments, 2. Exams, 3. Totals
- Please specify (1-3): 2

Name	ID	Assin.	Exams	Total
Jayda_Kirby	201219642	22	40	62

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 2
1. Assignments, 2. Exams, 3. Totals
- Please specify (1-3): 1

Name	ID	Assin.	Exams	Total
Lindsay_Costa	201201201	59	33	92

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 3
1. Assignments, 2. Exams, 3. Totals
- Please specify (1-3): 3

Average of totals: 62

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 4
- Enter the student ID: 201217593

Name	ID	Assin.	Exams	Total
Dax_Jarvis	201217593	42	10	52

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 9

Error in entry

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 3
1. Assignments, 2. Exams, 3. Totals
- Please specify (1-3): 7

Error in entry

Do you want to continue (Y/N)? Y

MENU

1. Find maximum mark
  2. Find minimum mark
  3. Find average
  4. Print details for a student
  5. Print details for all students
- Please select your option (1-5): 4
- Enter the student ID: 4444444

ID not found

Do you want to continue (Y/N)? N

Thank you for testing our Project!! Good bye!!

## CASE 2

```
Enter the file name: ProjectIn_2.txt
Enter the number of students (1-20): 20
Error in name at index 7 (A$hleigh_Delgado). Please enter correct name: Ashleigh_Delgado
Error in ID at index 10 (201A21691). Please enter correct id: 201021691
Error in Exam at index 12 (-10). Please enter correct mark (0-40): 10
Error in Assignment at index 18 (70). Please enter correct mark (0-60): 60
Data is successfully saved!!
Please select your option (1-5): 5
MENU
1. Find maximum mark
2. Find minimum mark
3. Find average
4. Print details for a student
5. Print details for all students
Please select your option (1-5): 5
Name      ID      Assin.  Exams  Total
Lindsay_Costa  201201201  59      33      92
Clarissa_Fuen  201203250  41      10      51
Brooklyn_Mcka  201205299  44      38      82
Mohamed_Knapp  201207348  39      15      54
Maddox_Murray  201209397  37      18      55
Shane_Logan    201211446  28      26      54
Amelia_Pierce  201213495  24      15      39
Ashleigh_Delg  201215544  31      31      62
Dax_Jarvis     201217593  42      10      52
Jayda_Kirby    201219642  22      40      62
Ronin_Cherry   201021691  31      28      59
Finn_Sosa      201223740  32      24      56
Erik_Boyer     201225789  28      10      38
German_Clemen  201227838  57      13      70
Javion_Mosley  201229887  40      26      66
Franklin_Day   201231936  52      25      77
Kenya_Wolfe    201233985  21      11      32
Kyan_Farmer    201236034  49      38      87
Harmony_Mayer  201238083  60      38      98
Benjamin_Fran  201240132  25      30      55
Do you want to continue (Y/N)? N
Thank you for testing our Project!! Good bye!!
```