

⇒ Program to find total marks of 5 Subj. for
n-Students.

```
Select "D:\coding files\CodeBlocks\c-programming\DS lab\2.exe"
Enter total number of students:
4
Enter name of student:
h
Enter marks scored by student in subj 1: 12
Enter marks scored by student in subj 2: 23
Enter marks scored by student in subj 3: 34
Enter marks scored by student in subj 4: 54
Enter marks scored by student in subj 5: 56
Enter name of student:
e
Enter marks scored by student in subj 1: 34
Enter marks scored by student in subj 2: 56
Enter marks scored by student in subj 3: 78
Enter marks scored by student in subj 4: 90
Enter marks scored by student in subj 5: 34
Enter name of student:
m
Enter marks scored by student in subj 1: 23
Enter marks scored by student in subj 2: 56
Enter marks scored by student in subj 3: 34
Enter marks scored by student in subj 4: 12
Enter marks scored by student in subj 5: 89
Enter name of student:
a
Enter marks scored by student in subj 1: 12
Enter marks scored by student in subj 2: 22
Enter marks scored by student in subj 3: 56
Enter marks scored by student in subj 4: 78
Enter marks scored by student in subj 5: 43

MARKSHEET:

NAME          SUB1          SUB2          SUB3          SUB4          SUB5          TOTAL MARKS
h              12            23            34            54            56            179
e              34            56            78            90            34            292
m              23            56            34            12            89            214
a              12            22            56            78            43            211

Process returned 0 (0x0)   execution time : 97.871 s
Press any key to continue.
```

PRACTICE - 1

1BM19ES061
HENANG

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Prepara

Salary Bill of an employee

Enter number of employees:

2

Enter Basic Salary:

23000

Enter Dearness Allowance percentage:

10

Enter House Rent Allowance percentage:

12.7

Enter Medical Allowance:

300

Enter Provident Fund percentage:

15.9

Enter Basic Salary:

54000

Enter Dearness Allowance percentage:

15

Enter House Rent Allowance percentage:

18.9

Enter Medical Allowance:

600

Enter Provident Fund percentage:

21.3

600

Enter Provident Fund percentage:
21.3

=====SALARY SLIP=====

Basic : 23000.00
DA : 2300.00
HRA : 2921.00
MA : 300.00
GROSS : 28521.00
PF : 3657.00
NET : 24864.00

=====END=====

=====SALARY SLIP=====

Basic : 54000.00
DA : 8100.00
HRA : 10206.00
MA : 600.00
GROSS : 72906.00
PF : 11502.00
NET : 61404.00

=====END=====

Process returned 2 (0x2) execution time : 128.836 s
Press any key to continue.

Practice - 1

IBM19CS061

HEMANG

3) Program to perform banking operation

Enter Account Holder Name: xyz

Total amount in Account:5340

What's on your mind:

OPTIONS:

1-Deposition

2-withdrawl

2

Enter the Amount to be Withdrawn: 40

Amount after withdrawl: 5300.000000

Do you want to repeat the operation Y/N:

y

What's on your mind:

OPTIONS:

1-Deposition

2-withdrawl

1

Enter Amount to be Deposited: 340

Amount after Deposition: 5640.000000

Do you want to repeat the operation Y/N:

n

Process returned 0 (0x0) execution time : 232.452 s

Press any key to continue.

Practice - 1

IBM19CS061
HEMANG

4) Program to accept Name, Regno, mark1, mark2
mark3 of Students. and display the details:-

Enter the number of students: 4

Student 1

Enter the Name:h

Enter the registration number: 89

Enter marks in subject 1: 34

Enter marks in subject 2: 12

Enter marks in subject 3: 67

Student 2

Enter the Name:d

Enter the registration number: 45

Enter marks in subject 1: 23

Enter marks in subject 2: 56

Enter marks in subject 3: 19

Student 3

Enter the Name:y

Enter the registration number: 34

Enter marks in subject 1: 12

Enter marks in subject 2: 78

Enter marks in subject 3: 56

Student 4

Enter the Name:a

Enter the registration number: 55

Enter marks in subject 1: 34

Enter marks in subject 2: 78

Enter marks in subject 3: 89

Name	REGNO.	TOTAL MARKS	RANK
a	55	201.000000	1
d	45	98.000000	4
h	89	113.000000	3
y	34	146.000000	2

Process returned 0 (0x0) execution time : 42.258 s
Press any key to continue.

5)

Practice - 1

1BM19CS061

HEMANG

Program to insert an element at
a relevant position in an array using func.

Enter the length of Array:

5

Arr[0]: 2

Arr[1]: 34

Arr[2]: 65

Arr[3]: 12

Arr[4]: 78

Enter the position at which element is to be entered: 2

Enter the element to be entered: 33

Arr[0] : 2

Arr[1] : 34

Arr[2] : 33

Arr[3] : 65

Arr[4] : 12

Process returned 0 (0x0) execution time : 21.349 s

Press any key to continue.

Practice —

IBM19CS061
HEMANG

6) Program to find the alphanumeric character
and their count in a line of text.

Enter a string:

"The greatest glory in living lies not in never falling, but in rising every time we fall." -Nelson Mandela

Alphanumeric characters in string are:

T h e g r e a t e s t g l o r y i n l i v i n g l i e s n o t i n n e v e r f a l l i n g b u t i n r i s i n g e v e r y t i m e w e f a l l N e l s o n

Total Number Of Alphanumeric Characters: 99

Process returned 0 (0x0) execution time : 85.141 s

Press any key to continue.