

1. Write a program to read a set of integer values and display the values in descending order and find the middle value in the list.

Output format:

Enter your list size : 7

Enter list[0] value : 23

Enter list[1] value : 21

.....

Enter list [6] value: 3

Given list : 23,21,56,34,54,67,3

Sorted list: 67,56,54,34,23,21,3

Middle value: 34

2. Write a program to create manipulation package. Allow the package to manage addition, subtraction, multiplication and division classes.
 - Each class must have constructors with different argument list
 - For Eg. Addition (int, int), addition (double, double), addition (double, double, double)
 - Import your package and allow the user to manipulate their data.
3. Write a program to create a student personal class and student grade_calculation class.
 - Student personal class must get student rollno/Id, fullname, course and college details.
 - Student grade_calculation class must get paper_name, score from the user.
 - Your application must allow the user to provide three different paper name and score.
 - Implement single inheritance to generate the mark sheet as like,

John Peter's Mark Sheet

Name : John Peter

Rollno : 23478343

Course : BCS

Paper	Score	Grade
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Ux design	56	Pass
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Web Application	56	Pass
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Mobile Application	32	Fail
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Overall grade : Fail