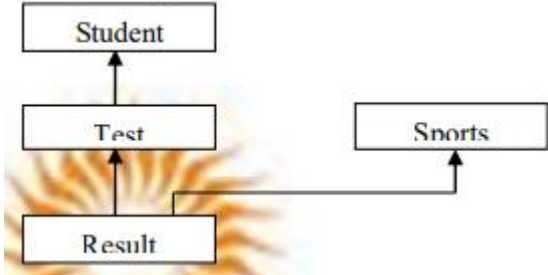| Sr.No	Experiment List
1	Program on various ways to accept data through keyboard. a. WAP to calculate Factorial of a number using manual input. b. WAP to perform addition of two numbers using command line arguments
2	WAP to print the grade for an input test score: using the if-else ladder Percentage **Grade** · 0-60 · F · 61-70 · D · 71-80 · C · 81-90 · B · 91-100 · A
3	**a**. WAP to design a class to represent bank account. It should include the following members; Name of depositor, Account Number, Type of Account, and balance amount in the account. It should also have methods to i. To assign initial values. ii. To deposit an amount. iii. To withdraw an amount after checking balance. iv. To display the name and balance. **b.** WAP to define employee class containing name, age, phone number, basic salary, and number of present days as data members and suitable methods to take input and display all values along with gross salary.
4	Program on Constructor and Constructor Overloading.
5	WAP to count number of occurrences of given character using string class.
6	WAP to reverse a complete sentence using string buffer class.
7	WAP to implement three classes namely Student, Test and Result. Student class has members as roll no, Test class has members as sem1_marks and sem2_marks and Result class has members as total. Create an interface named

| | sports that has a member score. Derive Test class from Student and Result class has multiple inheritance from Test and Sports. Total is formula based on sem1_marks, sem2_mark and score.

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| 8 | Write abstract class program to calculate area of circle, rectangle, and triangle. |
| 9 | WAP for exception handling using try/catch, throw, and finally demonstrating different inbuilt exceptions (Arithmetic Exception, Array Index Out of Bound Exception) |
| 10 | Define an exception called "NoMatchException" that is thrown when a string is not equal to "India." Write a program that uses this exception. |