INDEX of OOP

Sl No	Assignment	Date	Page No
1	Write a Program to implement a Stack or Queue using 1D array applying the concept of class.	14/07/2015	1
2	Write a Program to implement the Havel- Hakimi Algorithm for Testing the existence of a Graph	21/07/2015	12
3	Write a Program to perform the following operations on fractions	04/07/2015	17
	1.e=-a+b*d $2.f=(c*d)/a$		
	using operator overloading. Now check if e and f are equal.		
4	Write a Program to perform the following Matrix operations	11/07/2015	22
	1.Add two Matrices.		
	2.Multiply two Matrices.		
	3.Transpose given Matrix.		
	4.Find Determinant of given Matrix.		
5	Add two Polynomials.	21/07/2015	30
6	Write a Program to find the max width and mirror image of a Binary Search Tree in a non-recursive way. Create and print the B.S.T also in non-recursive way. Make the code generic.	05/09/2015	37
7	A class 'Stack' has the normal push and pop functions without provision for dealing with the Overflow and Underflow conditions. Design a class MyStack, which deals with this using Exception Handling.	19/09/2015	53
8	Implement Queue using Linked list. Create and maintain a student database using concept of File Handling. Store Roll, Name, Subject and Marks for each student.	20/03/2015	59