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Sr. no.	Program Name	R1	R2	R3	R4	R5	Total Marks	Signature
1.	Write a program to find whether a number is prime or not. To determine the nature of roots of a quadratic equation, its input is triple of +ve integers (say a,b,c) and values may be from the interval[1,100] The program output may have one of the following:- • [Not Quadratic equations, Real roots, Imaginary roots, Equal roots] • Perform BVA (Boundary-value analysis). • Perform Robust Case Testing							
2.	To determine the type of triangle. Its input is triple of +ve integers (say x,y,z) and the values may be from interval[1,lOO].The program output may be one of the following [Scalene, Isosceles, Equilateral, Not a Triangle]. Perform BVA, Equivalence Class Testing (Using Input Domain and Output domain). Which Technique is best for the given problem statement. Give reasons.							
3.	Equivalence Class Partitioning In the lecture, we used the example of an app that classified Risk Exposure (RE) as High, Moderate, or Low on the basis of Risk Probability (RP) and Risk Impact (RI).							
4.	Develop a complete limited entry decision table for the following decision situation: An airline offers only flights in Germany and Europe. Under special conditions a discount is offered — a discount with respect to the normal airfare.							
5.	Create a test plan document for Library Management System.							
6.	Study the Testing Tool: Win Runner.							
7.	Study the Test Management Tool: QA Complete.							
8.	Automate the Test cases using Test Automation tool QA Complete.							

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9.	Learn how to raise and report Bugs using Bug tracking tool (Bugzilla, Jira using QA Complete).							
10.	Study of any open source testing tool (OSTA).							
11.	The BSE Electrical Company charges its domestic consumers using the following slab: Identify the best suitable black box testing technique and also frame the code for the abovementioned problem statement and find the best suitable white box testing technique.							