Lab Questions for Net Centric Computing

Hand Written is compulsory for 1 to 5 questions. Other question are optional.

1. Define polymorphism. Write a program to achieve the run time polymorphism.
2. What is inheritance? Write a program to implement multiple inheritance.
3. Define Lamda. Write a program to display student list filter by department Id using Lambda expression. Student has attributes(Id, DepartmentId, Name and Address) and take any number of students.
4. Define LINQ. Write a program to display voter name whose age is greater than 18 and lives in "Patan"
5. What exception handling? Write a program to handle exception when User put character in price field.
6. Define MVC. Write a crud operation to display, insert, update and delete Student information using ASP.NET CORE MVC.
7. What Data annotation? Write a program to validate Player information when click on save button using MVC pattern
8. Define Authentication. Write a program to implement Authentication and Authorization using User Roles.
9. Define cookie. Write a program to store User login information for 5 days using Cookie.
10. Define single page application. Write a program to validate the Login form when user submit empty value using JQuery.
11. Define Web API. Write a program to get the list of products in json format using ASP.NET Web API.