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| **SR.NO** | **TOPIC** |
| **1** | Create a website of your name that shows your information |
| **2** | Implement a Basic Calculator [without using functions] |
| **3** | Create a form that accepts 2 numbers from 2 text fields, an operation(+,-,\*,/) from third text field. When you click “Result” button, the result of the expression should be displayed in fourth disabled text field. Include a radio button to choose whether the result should be integer or float. |
| **4** | A software company wants to conduct placements for graduates in Mumbai or Pune. Design a web form to input student details such as name using textbox, course name such as BSc Comp Sci/IT/Phy/Maths using radio button, Marks in SSC,HSC, FY & SY along with Year of Passing using text boxes & Location such as Mumbai/Pune using combo box. The student is shortlisted only if he/she has min 60% in SSC & HSC, FY & SY average should be min 55% & there should not be any gap in education. When student clicks on Register button, the data is submitted to ASP.NET page which informs the student whether he/she qualifies and place of interview in Mumbai or Pune as given by the student. |
| **5** | Design a Login Form containing User Name and password. The password should contain max 8 characters. When user name and password matches with predefined values, a welcome message should be displayed otherwise error message should be displayed. |
| **6** | Create an ASP.Net project that accepts Principal Amount, No. Of Years, Rate Of Interest from 3 text fields. When you click on “Calculate Interest” button the data is send to a function that returns Simple Interest. When you click on ”Final Amount” button the final amount by adding principal amount & interest should be displayed. |
| **7** | Create a Reservation Form for Mumbai-to-Pune Journey containing 3 text fields to enter names, 3 text fields to enter age, & a text field to show Final Bill. It should also contain a radio button showing the type of journey (A.C./Non A.C.). Charges of A.C./Non A.C. modes of journey are fixed but only for child with age < 5 & senior citizen with age > 60 the rates are half. 4% service charges are applied on Final Amount. As per the passenger enter the Final Bill. |
| **8** | Add validations – name should not be null, age should be within (21 to 100) & Email should be in specific format, password field should not be empty, retype password data should be same as password field. |
| **9** | Design ASP.NET page with Rich controls:   1. CALENDAR 2. AD ROTATOR 3. MULTI VIEW |
| **10** | Create a page in asp.net using session variable and display a message on label |
| **11** | Design ASP.NET Pages for State Management using :   1. Session state 2. Query String |
| **12** | Design an ASP.NET master web page and use it with other (at least 2-3) content pages |
| **13** | Create a ASP.NET page using “ Themes” |
| **14** | Design ASP.NET Pages with various Navigation Controls:   1. Tree View 2. Menu Control |
| **15** | Design an ASP.NET application for interacting(Creating and Reading) with XML file. |
| **16** | A Cable TV provider stores the list of channels in an XML File. For each Channel, there is an attribute “Name”. The Channel element consists of sub-elements such as Language (such as Hindi, English, Marathi etc), Category (Sports, Movies, Cartoon etc). Design an ASP.NET page that displays, the list of languages and categories in 2 combo boxes. When user clicks on a button, all the channels matching the selected criteria should be displayed |
| **17** | 1. Implement a Timing panel [Ajax] |
| **18** | Show advertisements [Ajax ] |
| **19** | Create a database ‘SYCS’ and a table Student (id, name). Connect the front end with backend database. |
| **20** | 1. Design ASP.NET application to query a Database (External Data Source)   - Create a database ‘sycs’ and a table Student (id, name). Connect the front end with backend database. Create a table Student (id, name). Keep a ‘Show’ button to display the entire Student table on the webpage, a ‘Insert’ button to insert records in the table, a ‘Search’ button to look for student name with id as input, an ‘Edit’ button to edit student name for the given id, ’Delete’ button to delete a student record. |
| **21** | Output Caching |
| **22** | Perform Data Binding on Label |