

Index

Sr. No.	Name	Page No.
1	Networking topology used in school lab	
	CUI PROGRAMS	
2	To print “Hello World” as output.	2
3	To print the sum of two nos.	4
4	To print the character “*” in pattern	6
5	To find the greatest of given three nos.	8
6	To calculate factorial of a natural no.	10
	GUI PROGRAMS	
7	To display the reverse of a no.	12
8	To develop an app that calculates discount and net amount for a company	14
9	Develop a Java desktop application using class then implement the rectangle class & calculate the area & perimeter of a rectangle	16
10	Develop an e-learning application with images and text information.	18
11	Develop a billing app for Happy Shopping. The Happy Shopping offers discount to its members holding Platinum, Gold and Silver card. A 10% discount is given to Platinum card, 8% to Gold card and 5% to Silver card holders on sales amount.	21
12	Develop an application to calculate sum of n natural no. and factorial of no.	23
13	Develop an app to display star pattern	25
14	Using list box control to show the list of states & display the capital of the selected state.	27
15	Develop an application which takes string from the user and displays the result using different string functions.	31
16	Develop an application to accept a string and perform the following functions :- (1) find length of the string (2) find no of words in it (3) find string is palindrome or not (4) find no. of vowels in it. All output to be displayed using JOptionPane	33
17	Develop an e-Mail sending Application which facilitates the login and composing screen as given below. A	36

	Message box also displayed with proper message when invalid password is given by user and when mail is sent after pressing Send button.	
18	Develop an application which takes strings as input from two different Input Dialog windows and write a code to display the concatenated strings in Message Dialog Box.	38
19	Develop an application which takes number as input and checks if it is prime or composite.	40
20	Develop an application which takes 2 numbers as input and calculates their HCF and LCM.	42
21	Develop an application to compute the sum of digits for given number.	44
	DATABASE CONNECTIVITY	
22	Develop an application which saves user entered data in a MYSQL database.	46
23	Develop an application which retrieves data from a pre-existing MYSQL database.	48
	HTML	
24	Create a webpage describing global warming.	50
25	Design an admission enquiry form.	53
26	MYSQL Queries	54