Dezyne E'cole College

Department – BCA Third Year

Subject: Internet Tools & Website Development

Assignment

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1. Write a PHP code for display 'Dezyne E'cole College'.

2. Write a PHP code for concatenate two strings using print statement.

3. Write a PHP code for input two numbers and swap it and print it.

4. Write a PHP code for show your details on browser. Apply CSS for attractive layout. Using DIV for show details in Browser.

5. Write a PHP code print all many types of values in differnet valiables and print it in Boxes. Create boxes using Div in different color.

6. Write a PHP code for calculate are of circle. Print its output using DIV + CSS.

7. Write a PHP code for input multiple color and multiple font sizes in two arrays and apply on DIV. Show attractive output using CSS.

8. Write a PHP code for input four numbers and find second maximum. (Output formatted with CSS & DIV)

9. Write a PHP code for input two numbers and perform +, -, /, *, % operations using switch case statement. (Output formatted with CSS & DIV)

10. Write a PHP code for input a user type, user name and password from user and check which user is correct or not. (Output formatted with CSS & DIV)

11. Write a PHP code for input a number and check number is prime or not. (Output formatted with CSS & DIV)

12. Write a PHP code for input all perfect numbers between limit. (Output formatted with CSS (DIV Boxes with Different solid colors).

13. **Write a PHP code for input a limit from user and print all Armstrong numbers between limit in Inline DIV. (Output formatted with CSS (DIV Boxes with different Solid Colors).**

14. Write a PHP code for input starting & ending limit from user and print all prime palindrome numbers between limit. (Output formatted with CSS (DIV Boxes with different Solid Colors).

15. Write a PHP code for input a limit from user and print Fibonacci series. (Output formatted with CSS (DIV Boxes with different Solid Colors).

16. **Write a PHP code for input a number and print it in for following format. (For Eg: if you enter 123 – Then output is 1, 12, 123, 2, 23,3). (Output formatted with CSS (DIV Boxes with different Solid Colors).**

17. **Write a PHP Code for input First Name, Last Name, Class, City, Phone No, email using form in PHP and print it. (Output formatted with CSS (DIV Boxes with different Solid Colors of heading and content).**

18. **Write a PHP code for Display Chess Board using DIV tag. And insert chess pieces. (Output formatted with CSS)**
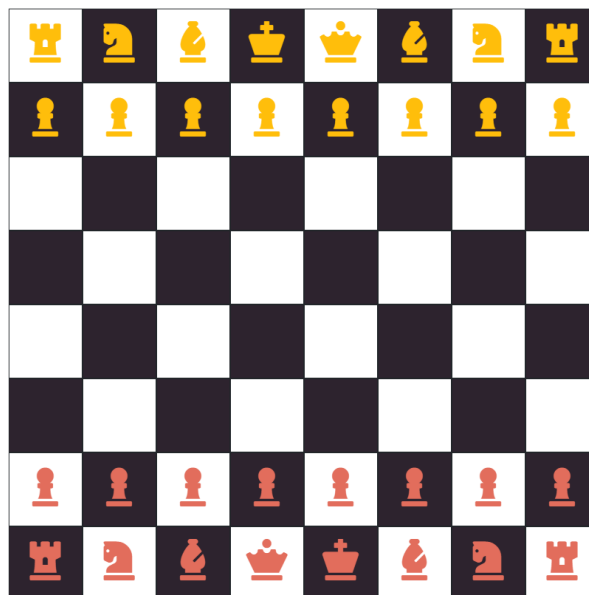
19. Write a PHP code for create a 4X4 Matrix and print it with different color cells using div. **(Output formatted with CSS (DIV boxes with different solid colors).**

20. Create a script that displays 1-2-3-4-5-6-7-8-9-10 on one line. There will be no hyphen (-) at starting and ending position**. (Output formatted with CSS)**

21. **Write a program which will give you all of the potential combinations of a two-digit decimal combination, printed in a comma delimited format. Sample output :**

00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50. (Output formatted with CSS)

22. **Write a PHP script that creates the following table (use for loops): (Output formatted with CSS & DIV)**

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

23. Write a PHP program which iterates the integers from 1 to 100. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz". **(Output formatted with CSS)**

24. Write a PHP code for input 10 elements in array and find second maximum and second minimum element also show all array elements and outputs in different div... (Output formatted with CSS (DIV Boxes with different Solid Colors).

25. Write a PHP code for input 10 elements in array and find all Armstrong elements and print it in different color div. (Output formatted with CSS (DIV boxes with different solid colors).

26. **Write a PHP code for create 4X4 Matrix and print it and perform the following**

    1. **Transpose Matrix.**
    2. **Diagonal Matrix**
    3. **Sum of Row in front of rows;**
    4. **Maximum element in Rows in front of rows.**

27. **Write a PHP code for Create a 2 Dimensional Array and insert 10 student's data in it (Roll No, Name, Age, Class, City, Phone No, and DOB). And print it into a tabular format using table/ div. (Output formatted with CSS (DIV boxes with different solid colors).**

28. Write a function to calculate the factorial of a number (a non-negative integer). The function accepts the number as an argument. **(Output formatted with CSS)**

29. Write a function to reverse a string. (**Output formatted with CSS**)

30. Write a PHP function that checks whether a string is all lowercase. (**Output formatted with CSS**)

31. **Write a PHP script that creates the following table using for loops. Using DIV. (Output formatted with CSS)**

1 * 1 = 1	1 * 2 = 2	1 * 3 = 3	1 * 4 = 4	1 * 5 = 5
2 * 1 = 2	2 * 2 = 4	2 * 3 = 6	2 * 4 = 8	2 * 5 = 10
3 * 1 = 3	3 * 2 = 6	3 * 3 = 9	3 * 4 = 12	3 * 5 = 15
4 * 1 = 4	4 * 2 = 8	4 * 3 = 12	4 * 4 = 16	4 * 5 = 20
5 * 1 = 5	5 * 2 = 10	5 * 3 = 15	5 * 4 = 20	5 * 5 = 25
6 * 1 = 6	6 * 2 = 12	6 * 3 = 18	6 * 4 = 24	6 * 5 = 30

32. Write a program to calculate Electricity bill in PHP.

Conditions:

- **For first 50 units – Rs. 3.50/unit**

- **For next 100 units – Rs. 4.00/unit**

- **For next 100 units – Rs. 5.20/unit**

- **For units above 250 – Rs. 6.50/unit**

- **You can use conditional statements.**

33. Write a PHP program to reverse the string.

34. Write a PHP program to count the words in the string.

35. Write a PHP script to : -

a) Transform a string all uppercase letters.

b) Transform a string all lowercase letters.

c) Make a string's first character uppercase.

d) Make a string's first character of all the words uppercase.

36. Write a PHP script to split the following string.

    Sample string : '082307'

    Expected Output : 08:23:07

37. Write a PHP script to extract the user name from the following email ID.

    Sample String : 'rayy@example.com'

    Expected Output : 'rayy'

38. Write a PHP script to put a string in an array.

    Sample strings : "Twinkle, twinkle, little star,\nHow I wonder what you are.\nUp above the world so high,\nLike a diamond in the sky.";

    Expected Result (using var_dump()) : array(4) { [0]=> string(30) "Twinkle, twinkle, little star," [1]=> string(26) "How I wonder what you are." [2]=> string(27) "Up above the world so high," [3]=> string(26) "Like a diamond in the sky." }

39. Write a PHP script to print the next character of a specific character.

    Sample character : 'a'

    Expected Output : 'b'

    Sample character : 'z'

    Expected Output : 'a'

40. Write a simple PHP class which displays an introductory message like "Hello All, I am Scott", where "Scott" is an argument value of the method within the class.

41. Write a PHP class that sorts an ordered integer array with the help of sort() function.

42. Write a PHP Calculator class which will accept two values as arguments, then add them, subtract them, multiply them together, or divide them on request.
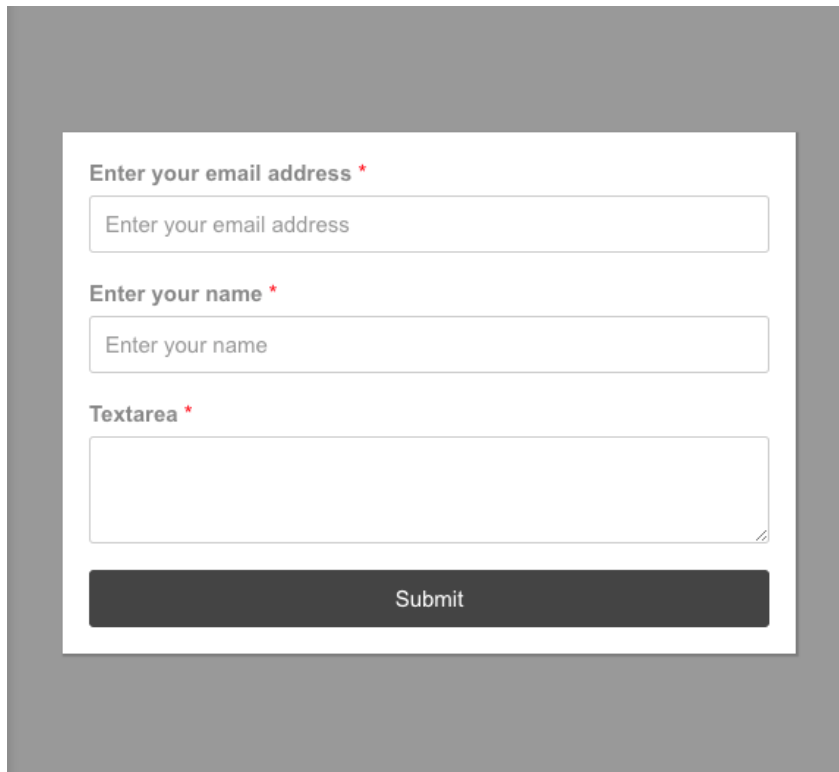
43. **Write a PHP code for input a string from user using form and sort all the characters into an ascending order and print it in different color div's.(For Eg: Input "deColE", Ouput: "CdeElo"). (Output formatted with CSS (DIV boxes with different solid colors).**

44. **Create a PHP script for input name, phone number & email in text box and validate it at the time of form submttion. Using Regex in PHP. Design form using HTML and CSS.**

45. Write an exercise for PHP Array to String Conversion.

    a. Create a form that accept name as well as colors

b. After submission, form data will be sent to another page

c. Display select colors (as a list) and user name

d. User name & colors selection is mandatory

46. Create a simple calculator using form in PHP and perorm Addition, Subraction, Multiplication and Division Operations.

47. **Create a registeration form using PHP and Validate it and submit data into next page and print into DIV Boxes in a standard format. (Output formatted with CSS (DIV boxes with different solid colors). (Used google Registration form)**

48. Create a form and validate it.

49. Create a form with active links.
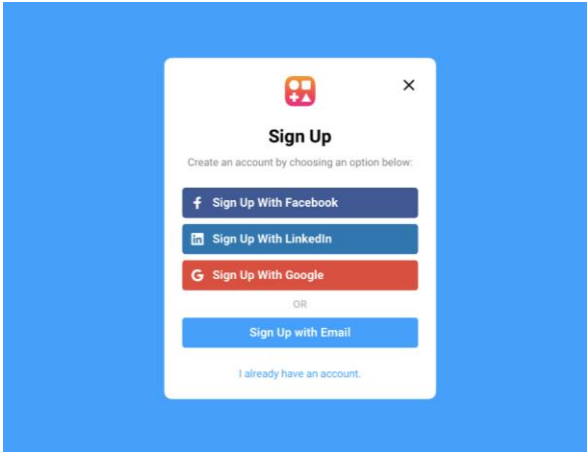
50. Create a sign up form.

51. Create a sign in page.

52. **Create form for input name, class, city, gender, hobbies, email, phone number and user image. Validate form and submit it. Submitted data display into DIV Tag. (Output formatted with CSS (DIV boxes with different solid colors).**

53. Crate a PHP Script for count total visitors visits a page. **(Output formatted with CSS)**

54. Create a PHP Script for save visitor time into a file and show how many visitors visits your webpage in every day. **(Output formatted with CSS)**

55. Create a simple web application in PHP, create a signup page and register user information and create login page for login in application. Insert login and password in login form and submit the page, if logina nd password are correct open a new page with good layout (attractive background with caption "Login Successful"). Validate form if username and password are incorrect. (Output formatted with CSS).

56. **Create a PHP script for open a file and save data in it and perform read operation in it.**

57. **Create a PHP script for perform all file operations in it.**

58. Create a form for input name and image and submit it. If you click on submit button all data are stored into a file with date and time. Create show button for show data with name, image and date and time. (Output formatted with CSS).

59. **Write a PHP code for create connection between PHP Script and Database and check it is connected or not. (Output formatted with CSS).**

60. **Write a PHP code for create a student registration form (Roll Number, Name, Class, City, phone number, year of joining, date of birth) and insert it into database and print all inserted data into web page using DIV/ Table. Validate form, if data not filled in fields form not submitted. (Output formatted with CSS (DIV boxes with different solid colors).**

61. **Write a PHP code for create a employee database and apply Select, where, order by, group by and having clause.**

62. **Write a PHP Code for create a student Mark sheet Generation System. (First you create student Detail & student marks table and put data using form into table (Student Information: Roll no, Name, Class, City, DOB) & (Student Marks: Roll No, Marks Type, & all BCA 3rd Year Subject & Practical subjects) and show all marks with details in Table or DIV.**

Validate form, if data not filled in fields form not submitted. Show both tables data on show button. (Output formatted with CSS (DIV boxes with different solid colors).

63. **Write a PHP Code for create a student details Manager. (Use Student Detail & Student Marks Table) and apply Insertion, Delete, Searching, Updating and Retrieving option. Apply all operations in particular format in Table or DIV. Validate form, if data not filled in fields form not submitted. (Output formatted with CSS (DIV boxes with different solid colors).**

64. Write a PHP script for create two tables and apply all types of joins. Show both tables data with table heading & show all types of joins with heading and output. **(Output formatted with CSS (DIV boxes with different solid colors).**

65. Write a PHP script for show pagination on data base data. Apply Data Tables and show Pagination on webpage. **(Output formatted with CSS (DIV boxes with different solid colors).**

66. Write a PHP script for show pagination on data base data. Apply Pagination with Data Tables on webpage. **(Output formatted with CSS (DIV boxes with different solid colors).**