Web App Development- PHP, Batch-16

LAB EXAM-2

Time: 2 hour

1. The vowel characters are a, e, i, o & u. Using conditional statement write a PHP 10
   Program so that it will show "The inputted character is vowel" when a user inputs
   any one vowel character. As well as, when a user inputs consonant it will show "The
   inputted character is consonant".

2. Write a PHP program using a for loop to add all the integers between 0 10
   & 30, and display the total.

3. This is an array $color=array("r"=>"red", "g"=>"green","b"=>"black", 10
   "w"=>"white");
   Using foreach-loop write a PHP program so that it prints like this below:
   Output
   r–red
   g–green
   b–black
   w–white

4. Write a PHP program to create a nested pattern using for-loop 10
   Output will be looked like this below:

   *

   *   *

   *   *   *

   *   *   *   *

   *   *   *   *   *

BASIS Institute of Technology & Management (BITM)

BDBL Bhaban (5th Floor-West)   Tel : +880 2 8151196,   info@bitm.org.bd
12 Kawran Bazar, Dhaka-1215   8144708-9, 09612322747   www.bitm.org.bd
Bangladesh.   Fax : +880 2 8151197

5. Write a program which will give you all of the potential combinations   10
   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, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68,
   69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91,
   92, 93, 94, 95, 96, 97, 98, 99,

6. Using while loop write a PHP program to display all the odd numbers   10
   Between 1 to 50.

7. What is control structure? How many control structure are there?   10
   Give an example code for each conditional statement.

8. What is switch statement? Write a PHP program using switch-statement   10
   where a case will be matched and it will print it's written message. At the same time
   it will print it's default block's message too.

9. What is control loop? Write a PHP program using do-while loop so that it   10
   Prints the odd number between 1 to 9.

BASIS Institute of Technology & Management (BITM)

BDBL Bhaban (5th Floor-West)   Tel : +880 2 8151196,   info@bitm.org.bd
12 Kawran Bazar, Dhaka-1215   8144708-9, 09612322747   www.bitm.org.bd
Bangladesh.   Fax : +880 2 8151197

ITM is an initiative of BASIS

10. Write a PHP program to create a nested pattern using for-loop   10
    Output will be looked like this below:

1

2   3

4   5   6

7   8   9   10

11   12   13   14   15

BASIS Institute of Technology & Management (BITM)

BDBL Bhaban (5th Floor-West)   Tel : +880 2 8151196,   info@bitm.org.bd
12 Kawran Bazar, Dhaka-1215   8144708-9, 09612322747   www.bitm.org.bd
Bangladesh.   Fax : +880 2 8151197

BASIS
Bangladesh Association of
Software & Information Services
ITM is an initiative of BASIS