FACULTY OF COMPUTING		MARKS
COURSE: BCS2243 WEB ENGINEERING		
COMPONENT : PHP		
ASSESSMENT: Lab assignment 7		
DURATION : 2 hours		

Course Learning Outcomes	Weight Score
CO1 Design appropriate solution using fundamental web engineering concepts.	2%
CO2 Construct a web-based application using web-engineering methodology.	3%
CO3 Demonstrate communication effectively in written and oral form through group discussion, meeting and presentation session.	Not assessed

General Instructions:

1. This assessment is an individual task.
2. You can refer and cite to any notes, references or sample codes from any sources.
3. ALL submission must in **soft-copy** version as followed: -
     a. Original source code with:-
         i. ALL PHP files (.php).
        ii. ALL images file in a separated folder
       iii. ALL external files (.css, .js)

Revisit the Lab 3, rewrite a PHP program for:

Question 1 (Lab 3 / Question 3)

Display user name and email address in three display ways; HTML element, HTML output and alert box.

Question 2 (Lab 3 / Question 4)

Write a program to calculate the summation of three numbers. Display the three integers and the summation in a page.

Question 3 (Lab 3 / Question 6)

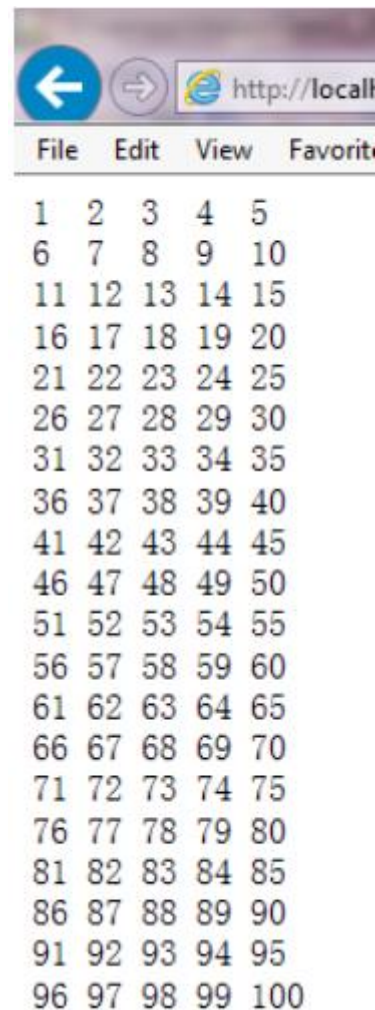Write a program in conditional statement (else if and switch) for a program code; and print:

   i.   Software Engineering; if the value is BCS
  ii.   Computer Systems and Networking; if the value is BCN
 iii.   Graphic and Multimedia; if the value is BCG
  iv.   Diploma; if the value is DCS
   v.   "Not FK undergraduate student" if the value does not fall in any of the four categories above

Question 4 (Lab 3 / Question 7)

Initialize a variable named *count* with value = 0. Prompt user for an integer value, as long as the value is bigger than *count*, print out the statement "I'm looping!". *Count* value should be increased after each loop statement.

Question 5

Write PHP code to print number from 1 to 100 as shown in the following picture. Each row has five numbers.

Question 6

Define a PHP function named "print_number" to implement the requirement of Question 5 and call this function.

Question 7

Continue to modify function "print_number" to make the output displayed in a table. For example, function call print_number(50); print_number(67); print_number(81); will produce the following three outputs, respectively.

1	2	3	4	5
6	7	8	9	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

1	2	3	4	5
6	7	8	9	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			

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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				