



THE BHAWANIPUR EDUCATION SOCIETY COLLEGE

A MINORITY RUN COLLEGE. AFFILIATED TO UNIVERSITY OF CALCUTTA
RECOGNISED UNDER SECTION 2(F) & 12 (B) OF THE UGC ACT, 1956

Department of Commerce (Morning, Afternoon and Evening Sections)

B. Com Semester – VI (E-Business) (Honours & General)

Paper: DSE-6.2 E-B

NOTICE

Students are directed to follow the modalities given below:

1. Students are expected to create a **single hard-bound lab notebook** containing all the assignments given to them. The lab note-book must be single line interleaf. It cannot be a shoe-lace file. The Outputs will have to be pasted on the left hand-side pages (the blank side), whereas the Question and Code will have to be **written** on the right hand-side pages of the Lab Notebook.
2. Students are expected to combine all the assignments in that lab notebook. The assignments will have to be organized as follows:
 - a. C++ Assignments – The organization is as follows:
 - i. Question (right hand-side page)
 - ii. Source Code (right hand-side page)
 - iii. Output – Either take a screenshot or directly paste the output. (left hand-side page)
 - b. Java Assignments – The organization is as follows:
 - i. Question (right hand-side page)
 - ii. Source Code (right hand-side page)
 - iii. Output – Either take a screenshot or directly paste the output. (left hand-side page)
 - c. HTML Assignment – The organization is as follows:
 - i. Question (right hand-side page)
 - ii. HTML Code (right hand-side page)
 - iii. Screenshot of the webpage (left hand-side page)
 - d. Tally Assignment – The organization is as follows:
 - i. Question (right hand-side page)
 - ii. Screenshots showcasing the output of each step (left hand-side page)
3. Students will have to place a cover-page(**white/brown**) at the beginning of the file. This Cover-page will only contain the Student's CU Roll Number, CU Registration Number, College UID along with the words "E-Business Lab Assignment".



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C++ Assignment

1. WAP in C++ to take a number as input and check if the number is an even number or odd number.
2. WAP in C++ to take a year as input and check if it is a leap year or not.
3. WAP in C++ to take a number as input and check if it is a positive number, negative number or zero.
4. WAP in C++ to take a number n as input and calculate the sum of all the natural numbers till n.

$$S = 1+2+3+...+n$$

5. WAP in C++ to print the following Patterns
 - a. 54321
4321
321
21
1
 - b. 5
44
333
2222

JAVA Assignment

6. WAP in Java to take a number as input and check if the number is a palindrome or not. A palindrome number is a number which is equal to its reverse. For example: 121, 111, 21212 are all palindromes.
7. WAP in Java to take a string as input and reverse it. For example: the reverse of "Suraj" is "jaruS".
8. WAP in Java to take the length and breadth of a quadrilateral as input and display the area and perimeter of the quadrilateral. If the length and breadth are equal, print "Square" or else "Rectangle".
9. WAP in Java to take a number n as input and calculate the sum of squares all the natural numbers till n.

$$S = 1^2+2^2+3^2+...+n^2$$

10. WAP in Java to print the following Patterns
 - a. 54321
4321
321
21
1



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- b. 5
- 44
- 333
- 2222
- 11111

HTML Assignment

11. Design a Form. The Form should have the following Questions:
- a. Name (Text Box)
 - b. Address (Text Box)
 - c. Gender (Radio/Option Buttons – Male, Female, Others)
 - d. User ID (Text Box)
 - e. Password (Password)
 - f. Hobbies (Checkbox – Singing, Dancing, Reading, Writing)
 - g. Submit Button
 - h. Reset Button

TALLY Assignment

12. . Pass the necessary entries in Tally:
- a. Opening Capital Balance 600000
 - b. Opening Bank Balance 300000
 - c. Opening Cash Balance 50000
 - d. Purchased land for 105000, paid by cheque.
 - e. Purchased Goods from A.M. creation on credit 300000.
 - f. Stationery purchased for 6000 on cash.
 - g. Goods sold to Indian cotton for Credit 15000
 - h. Rent paid to building owner 2500 on cash.
 - i. Cash withdrawn for personal use 8000.
 - j. Tea expenses incurred for staff 1500.
 - k. Computer purchased from computer solutions 140000.
 - l. Deposit cash in to Bank 15000
 - m. Cash sales 25000
 - n. Cheque Received from Indian cotton 50000.
 - o. Goods returned by Indian cotton 1000.
 - p. Cash withdrawn from Bank 6000
 - q. Goods returned to A.M. creation 4000.