



# 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(**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

```
54321
4321
321
21
1
```

### 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

```
54321
4321
321
21
1
```



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## HTML Assignment

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

## TALLY Assignment

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  - Cash withdrawn for personal use 8000.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  - Cash withdrawn from Bank 6000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