

**SECOND ASSIGNMENT**  
**SEPTEMBER/OCTOBER SEMESTER 2020**

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**BACHELOR OF COMPUTER SCIENCE (HONS.)**  
**(IN COLLABORATION WITH IUKL)**

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**OBJECT ORIENTED PROGRAMMING**  
**(CSC 2510)**

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**LECTURER'S NAME : SOM PRASAD SHRESTHA**

**GENERAL INSTRUCTIONS**

1. This question booklet consists of 2 pages including this page.
2. There is one **SECTION** in this question booklet.
3. Please submit assignment solution in **SOFT COPY FORMAT** in A4 size paper.
4. **The Deadline for Submission is on 5<sup>th</sup> January.**



**SECTION A**

**(30 MARKS)**

1. Kitabkhana is an online bookshop that offers hundreds of titles across categories like Novel, Business, Economics and literature. As to improve the transaction of selling books, you are assigned to develop a simple program to keep track today's sales for 3 different stores. Thus, you need to plan for a simple **sales management system** that will be able to manage the store's report.

(Note: You need to use Array to store the record the data of each store)

**Details about the system:**

- To provide the total today's sales for each store.
- To show sales barchart for each store based on the today's sales.
- To show the percentage of sales for each store.

**Formula for the percentage sales is**

Percentage of sales = today's sales for a store/total all sales \* 100

**Sample screen of output:**

```
Today's Sales Report
Enter Today sales for store 1: 10000
Enter today sales for store 2: 5000
Enter today sales for store 3: 12000
Sales Bar chart (Each * = Rs. 1000)
Store 1: * * * * *
Store 2: * * * *
Store 3: * * * * *
Percentage of sales
Store 1: 37.03%
Store 2: 18.51%
Store 1: 44.44%
```

(30 marks)

**\*\*\* END OF QUESTIONS \*\*\***