

Computer Programming Lab (CS104L)

Lab2

- Q1. A shop gives a discount of 10% if the total bill amount is more than Rs. 1000.
Assign a cost to an item on your own (for example, you assign per unit cost Rs. 75/-).
Write a program that asks user for total quantity of the purchased goods and print the total payable amount by the user after considering discount, wherever applicable.
- Q2. CP course has following rules for grading system:
- a. Below 25 - F
 - b. 25 to 45 - E
 - c. 45 to 50 - D
 - d. 50 to 60 - C
 - e. 60 to 80 - B
 - f. Above 80 - A
- Ask user to enter marks and print the corresponding grade.
- Q3. Write a program to print absolute value of a number entered by user
- Q4. Take a list of 10 elements, delete 3rd to 6th elements and change the value of the last element with the value entered by the user.
- Q5. Take two strings from user, **string1** and **string2**. If **string1** is present in **string2**. Print a message "**string1** is present in **string2**" otherwise print "Not found".
- Q6. Take 5 numbers from the keyboard, store them in a list and print the maximum number among these numbers (do not use any iterative statements).
- Q7. Take a name from the keyboard of length 10 and store it into a variable called **str1**. Create another string variable **str2** where the first five characters are the same with the first five characters of the previous variable **str1**, and the last five characters may take from the keyboard. Print both the strings.
- Q8. Read three numbers from the keyboard. Find the maximum and second maximum of these numbers. (Do not use any inbuilt function and iterative statements).
- Q9. Read a single digit number from the keyboard and print its corresponding day of week. If number other than 1-7 is entered, print "Invalid Number".