CACS151 – C Programming

Lab-sheet 5

1. WAP to add two numbers using pointers.
2. WAP to find the maximum number between two numbers using a pointer.
3. WAP to store n elements in an array and print the elements using pointer.
4. WAP to find the factorial of a given number using pointers.
5. WAP to sort an array using Pointer.
6. WAP to store and print the roll no., name, age, address and marks of 15 students using structure.
7. WAP to Enter the marks of 5 students in Chemistry, Mathematics and Physics (each out of 100) using a structure named Marks having elements roll no., name, chem_marks, maths_marks and phy_marks and then display the percentage of each student.
8. WAP to compare two dates entered by user. Make a structure named Date to store the elements day, month and year to store the dates. If the dates are equal, display "Dates are equal" otherwise display "Dates are not equal".
9. Write a structure to store the name, account number and balance of customers (more than 10) and store their information.
   i) Write a function to print the names of all the customers having balance less than $200.
   ii) Write a function to add $100 in the balance of all the customers having more than $1000 in their balance and then print the incremented value of their balance.
10. Write a structure to store the names, salary and hours of work per day of 10 employees in a company. Write a program to increase the salary depending on the number of hours of work per day as follows and then print the name of all the employees along with their final salaries.

Hours of work per day	8	10	>=12
Increase in salary	$50	$100	$150