

Computer Science & Engineering

E1- SEM-I

PPS LAB WEEK – II

Intructions :

- i) For each program maintain a document, it should include as follows
 - a. Problem statement
 - b. Design (flow chart)
 - c. Implementation (Program in c language)
 - d. Input/Output(Mnimum 3 inputs and outputs)
 - e. Observations
- ii) All the inputs required for the program must be read from key board.

1. Write a C program to find even and odd out of two given Integer numbers.
2. Write a C program to find the accepted number is Negative , Positive or Zero.
3. Write a program which reads two integer values. If the first is lesser print the message “UP”. If the second is lesser print the message “DOWN”, if they are equal print the message “EQUAL”
4. Write a Cprogram that prints the given three integers in ascending order using if-else.
5. Write a C program to find greatest of three given numbers.
Note: Use conditional and control statements
6. Write a C program to print the progress report of a student based on the following conditions.

Marks	Grade
90- 100	A
80-89	B
70-79	C
< 50	Fail

The student attempts exam in 5 subjects (Maths, Science, Telugu, Social, English).
Print Marks and grade subject wise along with the total score of the student.

Input: 5 subject Marks

7. The current year and the year in which the employee joined the organization are entered through the keyboard. For every three years a bonus of Rs. 50,000/- is given to the employee. If the net salary of employee is 30,000/- per month, calculate the total amount he incurred from year of joining to the current year.
8. While purchasig certain items, a discount of 10% is offered(applicable to all) if the quantity purchased is more than 5000/-, and a discount of 30% is offered if the customer is Rguktian and a discount of 50% is offered if he/she is Rguktian and had purchased costing more than 8000/- . If the product's, quantity and their price and Rguktian or not are input through the keyboard, write a program to calculate the total expenses.

9. If the basic salary is less than Rs.20000/- then HRA is 15% of basic salary and DA is 70% of basic salary. If his salary is either equal to or above Rs.20000/- the HRA is 20% of basic salary and DA is 80% of basic salary. If the employee's salary is input through the keyboard write a program to find his gross salary.