**C PROGRAMMING**

1.      Write a C program to do the following:

a.      consider the customer name, customer number, customer type and number of overdue days (for return the book) in a library. Read customer number as a 10 digit number, Customer type as S or F to indicate Student or Faculty and number of days late after the due date. Display details in a formatted way.

b.    Calculate the fine amount as follows

**For customer type as S, the rate is given as**

For first 5 days Rs. 2per day

For next 5 days Rs.2.5 per day

For next 10 days Rs. 3.25 per day

An additional charge of Rs.1000 is charged if book is damaged.

**For customer type as F, the rate is given as**

For first 5 days Rs. 4.5per day

For next 5 days Rs.7.5 per day

For next 10 days Rs. 10.5 per day

An additional charge of Rs.2000 is charged if book is damaged.

Display bill in a formatted way.





