1.

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** |

2.

Let us work on the menu of a library. Create a structure containing book information like accession number, name of author, book title and flag to know whether book is issued or not.  
Create a menu in which the following can be done.  
1 - Display book information  
2 - Add a new book  
3 - Display all the books in the library of a particular author  
4 - Display the number of books of a particular title  
5 - Display the total number of books in the library  
6 - Issue a book  
(If we issue a book, then its number gets decreased by 1 and if we add a book, its number gets increased by 1)

3.

Create a structure named Date having day, month and year as its elements. Store the current date in the structure. Now add 45 days to the current date and display the final date. This should work for any value, not just 45.