**LIBRARY MANAGEMENT SYSTEM**



A Course Project Report in the course

**Problem Solving with Programming**

**School of Computer Science & Artificial Intelligence**

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**Project Description**

This project is about the library management system which is very useful system

For the library. The librarians are facing the problems in the ways of searching for the

books in the library. They even has the problem of loosing the books from the library.

It is difficult to search for the book information.

The Library Management System used in the libraries. Which helps the librarians

And as well as for the customers to search for the books. This library management system

Helps in searching of books and stores the information of the book. We can even give the

Books to the outsiders by taking the information of the book. This system gives the

Complete information of the book.

**Project Code**

#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

#include<string.h>

struct library{

char bookname[50];

char author[50];

int noofpages;

float price;

};

int main(){

struct library lib[100];

char bookname[30];

int i,j, keepcount;

i=j=keepcount = 0;

while(j!=6){

printf("\n1. Add book information\n");

printf("2.Display book information\n");

printf("3. no of books in the library\n");

printf("4. Exit");

printf ("\n\nEnter one of the above : ");

scanf("%d",&j);

switch (j){

/\* Add book \*/

case 1:

printf ("Enter book name = ");

scanf ("%s",lib[i].bookname);

printf ("Enter author name = ");

scanf ("%s",lib[i].author);

printf ("Enter pages = ");

scanf ("%d",&lib[i].noofpages);

printf ("Enter price = ");

scanf ("%f",&lib[i].price);

keepcount++;

i++;

break;

case 2:

printf("you have entered the following information\n");

for(i=0; i<keepcount; i++){

printf ("book name = %s\n",lib[i].bookname);

printf ("\t author name = %s\n",lib[i].author);

printf ("\t pages = %d\n",lib[i].noofpages);

printf ("\t price = %f\n",lib[i].price);

}

break;

case 3:

printf("\n No of books in library : %d", keepcount);

break;

case 4:

exit (0);

}

}

return 0;

}

## OUTPUTS:

1. Add book information

2.Display book information

3. no of books in the library

4. Exit

Enter one of the above : 1

Enter book name = HarryPotter

Enter author name = hp

Enter pages = 250

Enter price = 350.6

1. Add book information

2.Display book information

3. no of books in the library

4. Exit

Enter one of the above : 2

you have entered the following information

book name = HarryPotter

         author name = hp

         pages = 250

         price = 350.600006

1. Add book information

2.Display book information

3. no of books in the library

4. Exit

Enter one of the above : 3

No of books in library : 1

1. Add book information

2.Display book information

3. no of books in the library

4. Exit

Enter one of the above : 4