

LND COLLEGE MOTIHARI

B. R. A. Bihar University



MINI PROJECT ON STUDENT RECORD BOOK

PRESENTED BY:

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BCA 3rd semester

COLLEGE ROLL: 12

EXAMINATION ROLL: 214131

REGISTRATION NO.: -20CCVGCS012

SESSION:- 2020-2023

GUIDED BY:

BY: Miss ANUBHA

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Acknowledgement

I would like to thank to all teachers of my college who taught me “Object Oriented Programming Using C++”. Teachers who gave me theoretical and practical knowledge of “Object Oriented Programming” and “C++” are the major contribution of project.

I would like to give special thanks to my teacher ”Miss Anubha” for encouraging me for project.

The senior and my classmates who always gave me right direction and help me to clear my doubts. These all things inspire me to make this project.

I would like to thank all of them who guide me in this journey.

Vishal kumar

INTRODUCTION

Project Description :- Student Record Book is essential for the School/college/University. It reduces the recording effort in notebook/diaries. Every such places need a record book for student's data record. It have detail data of every student.

Record Book is a compulsory need of any College/School. Recording helps to recognize the students. This Record Book is very helpful towards staff and administration both.

Purpose of Project:-

- For future use to review the data
- Data of students are safe
- Can easily review data
- Helps to recognize student

Future Goal:-

- Make interesting user interface.
- Add more detail for record
- Use more of data structure

WORKING OF PROJECT

- This Record Book starts with solicitation of input about the School.
- Record Book asks for the number of students.
- User input the number of students .
- One by one user enters the data of patients.
- Process of taking input stops when number of patients achieve its maximum.
- Ask for next action.
- Exit when you want.

EXPLANATION:-

This project take input the number of student then it asks user to select the required option. According to option it starts the operation. After that is asks user that if user want to go on menu option. If user select no then it exit.

Requirements:-

- knowledge of C++ language since source code is written in C++ language.
- Computer System with new version of OS.
- IDE- Dev C++
- Compiler GCC

SOURCE CODE

```
#include<iostream>

using namespace::std;

// Student class declared
class student
{
char name[20];
    int roll;
    int marks;
    char course[15];

// member functions
    public:
        void getnm()
        {
            cout<<"Enter the name of student: ";
            cin>>name;
            cout<<"Name is inserted \n";
        }
        void getroll()
        {
            cout<<"Enter the roll of student: ";
            cin>>roll;
            cout<<"Roll is inserted\n";
        }
        void getcourse()
```

```
{
    cout<<"Enter the course name: ";
    cin>>course;
}
void getmarks()
{
    cout<<"Marks in subject : ";
    cin>>marks;
}

void showname()
{
    cout<<"\nStudent's Name:- ";
    cout<<name<<endl;

}

void showroll()
{
    cout<<"\nStudent's Roll:- "<<roll<<"\t\t\t";
}

void showcourse()
{
    cout<<"Course:- "<<course;
}

void showmarks()
{
    cout<<"\nTotal marks is: "<<marks<<endl;
```

```
    }  
};  
  
// main function starts here  
int main()  
{   int i,l,ch,j,k=0;  
char key;  
cout<<"Enter number of students: ";  
cin>>l;  
do {  
    cout<<"Choose any one: \n\t1.INPUT\n\t2.OUTPUT\n\t3.EXIT  
"<<endl;  
    cin>>ch;  
  
    student stu[l];  
  
    switch(ch)  
    {  
        case 1:  
            for(i=0;i<l;i++)  
            {  
                stu[i].getroll();  
                stu[i].getnm();  
                stu[i].getcourse();  
  
                stu[i].getmarks();  
            }  
    }
```



```
break;
```

```
case 2:
```

```
    cout<<"All Student's detail: \n"<<endl;
```

```
    for(j=0;j<l;j++)
```

```
    {
```

```
        stu[j].showroll();
```

```
        stu[j].showcourse();
```

```
        stu[j].showname();
```

```
        stu[j].showmarks();
```

```
        for(i=0;i<50;i++)
```

```
        cout<<"*";
```

```
        cout<<endl;
```

```
    }
```

```
    break;
```

```
case 3:
```

```
    exit(1);
```

```
}
```

```
cout<<"Do you want to go options? enter y for yes and n for no: ";
```

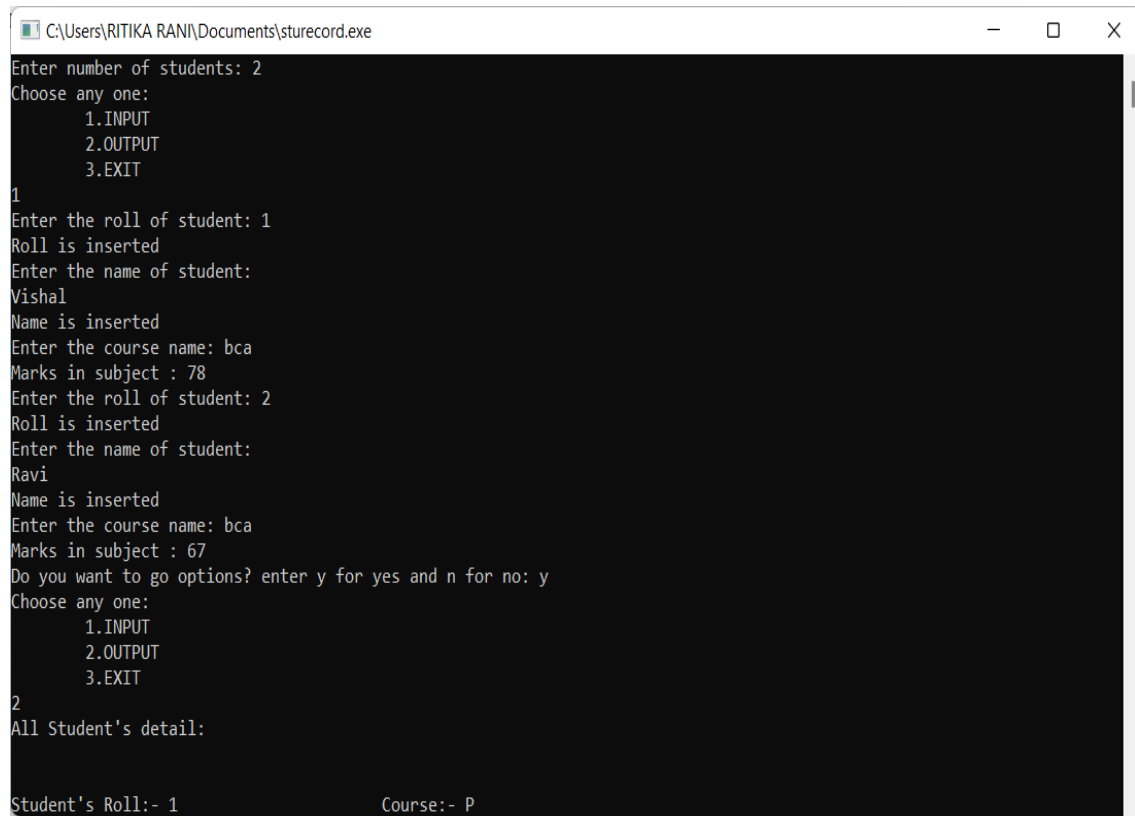
```
cin>>key;
```

```
}while(key!='n');
```

```
    return 0;
```

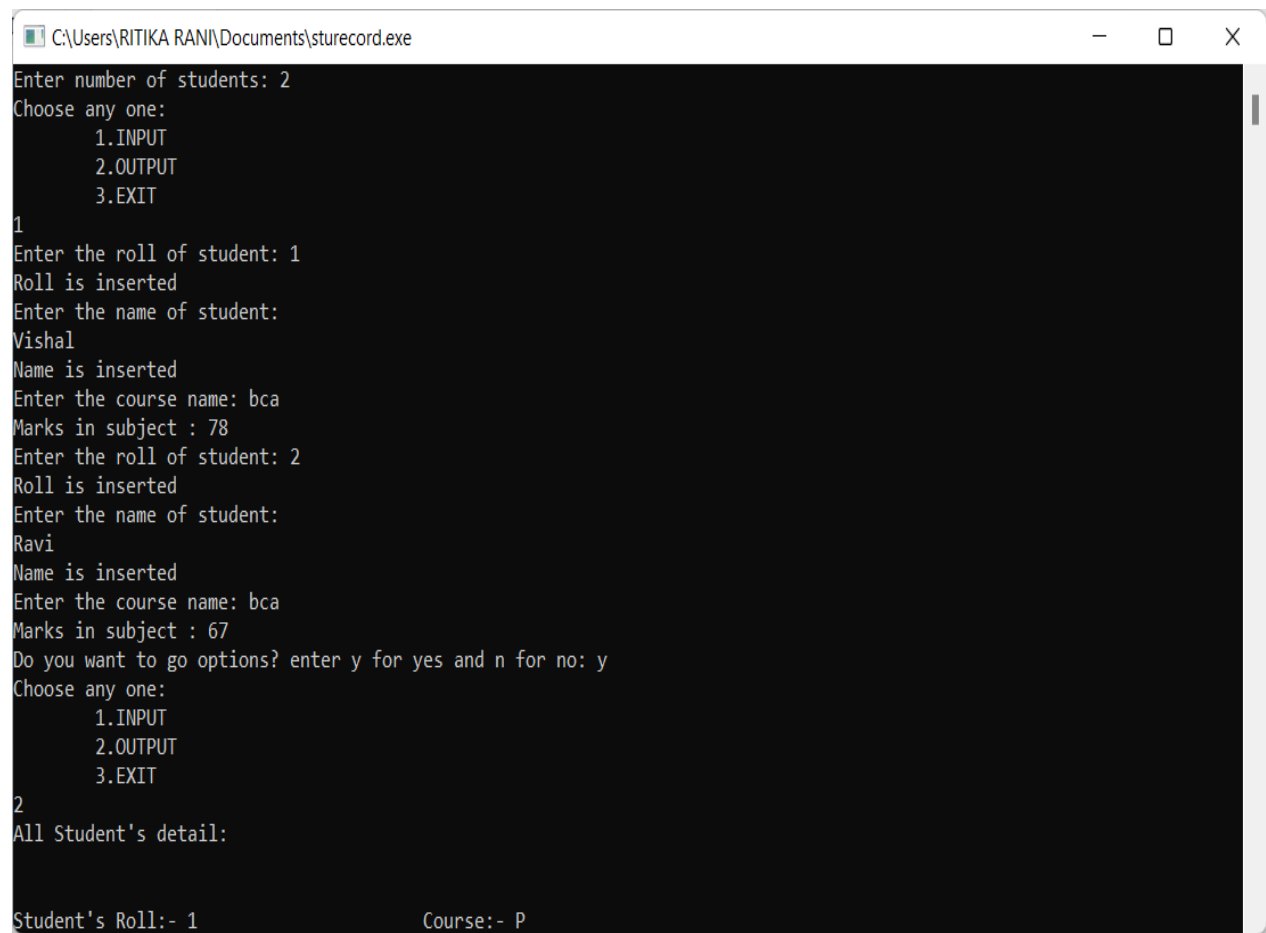
```
}
```

OUTPUT



```
C:\Users\RITIKA RANI\Documents\sturecord.exe
Enter number of students: 2
Choose any one:
    1.INPUT
    2.OUTPUT
    3.EXIT
1
Enter the roll of student: 1
Roll is inserted
Enter the name of student:
Vishal
Name is inserted
Enter the course name: bca
Marks in subject : 78
Enter the roll of student: 2
Roll is inserted
Enter the name of student:
Ravi
Name is inserted
Enter the course name: bca
Marks in subject : 67
Do you want to go options? enter y for yes and n for no: y
Choose any one:
    1.INPUT
    2.OUTPUT
    3.EXIT
2
All Student's detail:

Student's Roll:- 1          Course:- P
```



```
C:\Users\RITIKA RANI\Documents\sturecord.exe
Enter number of students: 2
Choose any one:
    1.INPUT
    2.OUTPUT
    3.EXIT
1
Enter the roll of student: 1
Roll is inserted
Enter the name of student:
Vishal
Name is inserted
Enter the course name: bca
Marks in subject : 78
Enter the roll of student: 2
Roll is inserted
Enter the name of student:
Ravi
Name is inserted
Enter the course name: bca
Marks in subject : 67
Do you want to go options? enter y for yes and n for no: y
Choose any one:
    1.INPUT
    2.OUTPUT
    3.EXIT
2
All Student's detail:

Student's Roll:- 1          Course:- P
```

THANK

YOU

LND COLLEGE MOTIHARI

B. R. A. Bihar University



MINI PROJECT ON PATIENT RECORD BOOK

PRESENTED BY:

NAME: RITIKA RANI

BCA 3rd semester

COLLEGE ROLL: 05

EXAMINATION ROLL: 214124

REGISTRATION NO.: -20CCVGCS005

SESSION:- 2020-2023

GUIDED BY:

BY: Miss ANUBHA

LND COLLEGE MOTIHARI

B. R. A. Bihar University



MINI PROJECT ON STUDENT RECORD BOOK

PRESENTED BY:

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BCA 3rd semester

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SESSION:- 2020-2023

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BY: Miss ANUBHA

Acknowledgement

I would like to thank to all teachers of my college who taught me “Object Oriented Programming Using C++”. Teachers who gave me theoretical and practical knowledge of “Object Oriented Programming” and “C++” are the major contribution of project.

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Adarsh kumar

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Ritika Rani