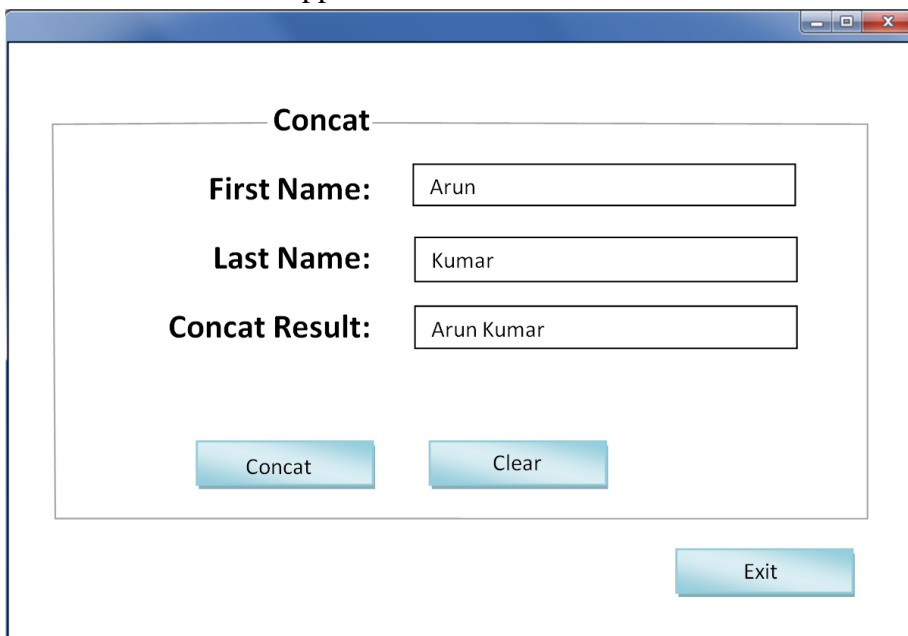
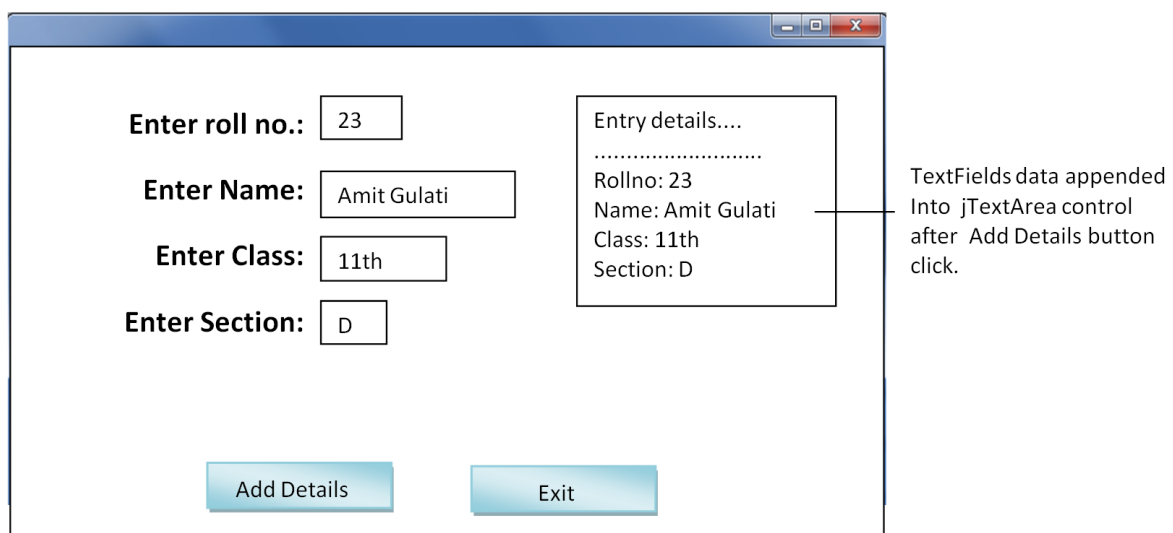


1. Give the meaning of each of the following Java operators: [1]
  - a) &&
  - b) !=
2. Find the output of the following: [2]
 

```
int a = 1, b = 2, c, d;
c = ++b;
d = a++;
c++;
System.out.println("a =" + a);
System.out.println("b =" + b);
System.out.println("c =" + c);
System.out.println("d =" + d);
```
3. Create a GUI application to perform Concat operation. Use three buttons to perform the following tasks:
  - Concat two jTextField values and store the result in jTextField3. [2]
  - Clear to clear the contents of textfields [1]
  - Exit to terminate application [1]



4. Create a GUI application to enter your rollno, name, class, section in four different JTextFields. Using a JButton click event, add all TextFields contents into a JTextArea component. [2½]



5. Difference between (write 2 points for each):- [4]
- TextField and JTextArea
  - System.out.print() and System.out.println() commands
  - setText() and getText() functions
  - Operator (=) and Operator (==)
6. How one can make a JTextField un-editable on a JFrame? [1/2]
7. Which property is used to make background colour visible in JLabel [1/2]
8. Which method is used only in JTextArea to store the contents without deleting the previous contents. [1/2]
9. Write datatype for the following : [1/2]
- 4.38925
  - "a"

10. Write MySQL command :-

- a. Create the following table with constraints : [3]

Column Name	Datatype	Size	Constraint
BookID	int	5	Primary Key
BookName	varchar	20	Should not be blank
Price	float	10,2	Should be within the range 100 to 600

- b. Write command to [1 1/2]
- insert a new column named Qty of datatype int and size 5
  - rename the column BookId to BookCode
  - give default value 150 to the field Price

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