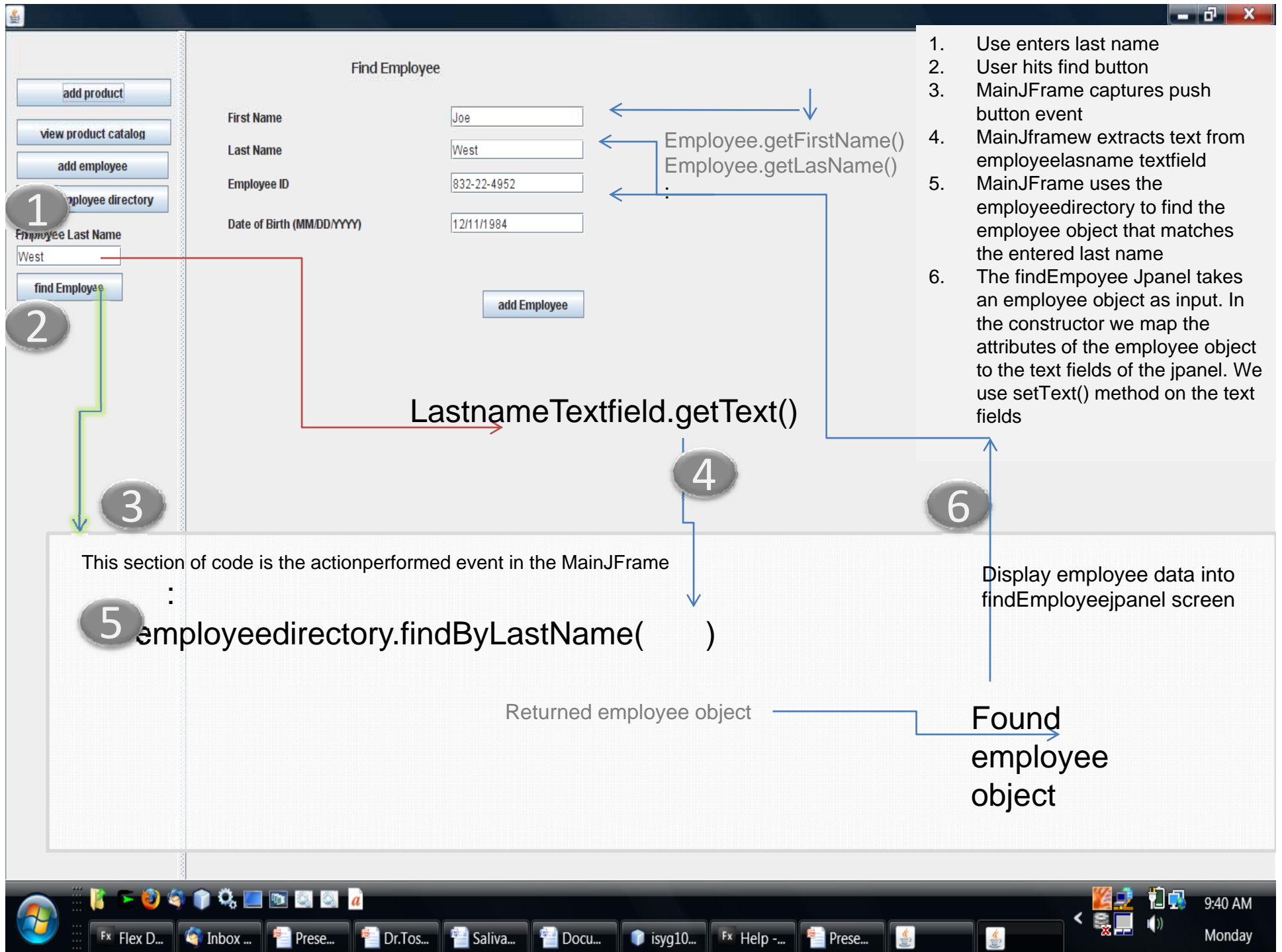


Search Illustration and example



findEmployeeByLastName Method

Add the following method to the EmployeeDirectory class

```
Public Employee findEmployeeByLastName( String ln ){

    ArrayList employeeelist;           //define a new reference variable to hold the list of employees

    Employeeelist = employeeedirectory.getEmployeeList(); // retrieve the list of employees from the direcoty

    //now go through the list, one employee at the time to find the object that has a last name that matches the input ln
    //if there is a match on the last name attribute then return the employee object with that attribute (last name in this
    //case

    For (Employee currentemployee : employeeelist){
    If (currentemployee .getLastName().equals(ln) ) return currentemployee ;

    } // keep going back while there is no match

    Return null; // the program gets to this line if no mtach was found which means return null;
```