

Write a java solution to implement following problem

Based on given User class ,

Write a code to implement displayUserDetails(User user) method where user object properties has valid values.

```
class User    no usages
{
    String fullname;    no usages
    String applicationDate;    no usages
    String carNumber;    no usages
}
```

Implement main method and display method

```
public static void main(String[] args) {
    // Take User Input for fullname , date of application and carnumber
    // verify date & car number based on given requirement
    // if Invalid throws an exception
    // if valid then call a constructor of user class
}

public void displayUserDetails(User user){    no usages
}

}
```

Write two methods in separate class "Validator" which use to verify Date & Car Number in expected format

```
public boolean verifyDate(String dob)throws InvalidDateException    no usages
{
    /*
    * date should be in any one of the following pattern
    *      dd/MM/YYYY
    *      dd/MM/YY
    * */
    return false;
}

public boolean verifyCarNumber(String carnumber)throws InvalidCarNumberException    no usages
{
    /*
    * Car number should be in following pattern
    * a) two character state code
    * b) followed by Numeric Digit
    * c) followed by two aplhabatic characters
    * d) followed by white space
    * e) followed by 4 digit numaric letters
    *
    *      DL 1CU 7890
    *
    * */
    return false;
}
```