

1. Create a Customer class using following values and validations

Class name: Customer

custid – An integer value between 100 and 999 only.

cname – A String value should not blank / null. And should more than 5 chars in length.

address – A String value should not blank.

mobilenno – A long value with 10 digits only.

email – A String value and with valid '@' and '.' Positions (Ex: raj@gmail.com)

gender – A String value should accept 'male' or 'female' (no case restriction)

dob – A **LocalDate** datatype, value should be in yyyy-mm-dd format (Ex:2018-03-31)

Customer	
custid	setCustid
cname	setName
address	setAddress
mobilenno	setMobilenno
email	setEmail
gender	setGender
dob	setDob
	displayAll

Note:

Input should be taken from keyboard for each value separately (setXXX ()). If invalid data is entered then program should exit showing error message. If valid data is entered then program should ask for the next input value. After reading all values, program should display list of all values.

Method names in Customer class:

setCustid(), setName(), setAddress(), setMobilenno(), setEmail(), setGender(), setDob() and displayAll().

2. Create an Employee class to register and login

Class Name : Employee

emailid:- A String value with valid email Address (abcd@pqrs.com)

password: - A String value must contain 1capital, 1digit, 1special symbol.

confirmpassword: - A String value and should be equal to above password value

Write separate methods to input above values from keyboard (setXXX ()) and check validations in that method

Write a method to generate userid from emailid (Ex: [raj@gmail.com](mailto:raj@gmail.com) -> userid=raj)

Write register () method to display following messages

- "successfully register" if all 3 values are valid
- "you will receive register kit on currentdate+2" (2 days after current system date)

Write login () method to take values of 'userid' and 'password' where

- userid -- userid is not case sensitive
- password - case sensitive

If userid and password matches then should display message as

"Successfully logged-in"

Employee	
emailid	setEmailid
password	setPassword
confirmpassword	setConfirmpassword
userid	genUserId
	register
	login

Note: Employee class should contain following variables and methods

Instance Variables: emailid, password, confirmpassword, userid

Methods: setEmailid(), setPassword(), setConfirmpassword(), genUserId(), register(), login().