CORE JAVA BASICS 35M

1. 25M

**package** paper.one;

**import** java.util.Date;

**public** **class** Loan {

**private** **long** loanId;

**private** **double** loanAmount;

**private** **int** interestRate;

**private** **int** tenureInYears;

**private** Date loanSanctionedDate;

// Constructor takes two arguments (double and int for initializing the loanAmount and tenure)

// Constructor generates loanId

// Constructor assigns the interestRate basing on the following conditions

// tenureInYears <= 5 - interestRate = 5

// tenureInYears > 5 - interestRate = 10

// tenureInYears > 10 - interestRate = 12

// Constructor need to report an custom exception if loanAmount <= 0 and tenureInYears <= 0

// Constructor assigns the loan issued date

**public** **double** calculateSimpleInterestRate()

{

**return** 0.0;

}

**public** **double** calculateTotalAmountNeedToBePaid()

{

**return** 0.0;

}

**public** **double** monthlyEMI()

{

**return** 0.0;

}

}

**package** paper.one;

**public** **class** LoanRun {

/\*\*

\* **@param** args

\*/

**public** **static** **void** main(String[] args) {

Loan loanArray[] = **new** Loan[30];

**while**(**true**)

{

System.*out*.println("1. Create Loan");

System.*out*.println("2. Find Simple Interest ");

System.*out*.println(" 3. Display details of specified loan id : ");

System.*out*.println("4. Display details of all loans ");

System.*out*.println("5. Delete Loan object of specifed loan id ");

System.*out*.println("6. Display in sorted order of loan amount ");

System.*out*.println("7. Exit");

}

}

}

2. Viva Voice 10M

JAVASCRIPT 15M

1. Create a form with a text field asking for User Name, password fields asking for password and confirm password. Check the following:
   1. User Name field if empty or not.
   2. User Name length is greater than 8 characters or not.
   3. Password field and Confirm password field are same or not.
2. Display few checkboxes with name attribute value same. List those checkboxes which are selected.
3. Have a drop down with multi-selection enabled. List the items which are selected
4. Hide and unhide a paragraph on click of a button.