

OOP INNOVATIVE ASSIGNMENT

COWIN REGISTRATION

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CONCEPTS USED:

- Class – we have used various classes for preliminary booking and final slot booking
- Methods – all the user inputs are being taken in the methods and also generation of OTP, generation of date & time etc
- Strings – name, Aadharcard number, password etc are stored as string.
- Random Number Generation – used to generate OTP, generate the date and time
- Local Date & Time Display – shows the current date & time of booking
- Method Overloading Display – class has multiple methods having the same name but different in parameters
- Inheritance – variables and methods from Registration class to slot booking class
- Thread – used to set a delay of about 5 seconds while generating OTP

- Exception handling (Try-Catch) – we have use Exception Handling for file handling purpose
- File handling – used to print the 1st dose and final certificates

CODE:

```
import java.util.Scanner; import
java.util.Random; import java.io.FileWriter;
import java.io.BufferedWriter; import
java.io.IOException; import java.io.Writer;
import java.time.LocalDateTime; import
java.time.format.DateTimeFormatter; import
java.time.format.FormatStyle; import
java.io.*; import java.lang.Thread;

class Registration
{
String MobileNumber;
String Name;
long OTP;
int rand;
String pass;
int x;
int Vaccine;

void Details()
{
Scanner sc = new Scanner(System.in);
```

```

        System.out.println();

        System.out.println("-----
-----");

        System.out.println("\t\t\tWELCOME TO COWIN Registration.
VACCINATE YOURSELF AND LETS FIGHT AGAINST COVID-19
TOGETHER");

        System.out.println("-----
-----");

        System.out.println();

        System.out.print("DEAR USER, PLEASE ENTER YOUR FIRST NAME(IN
CAPITAL)          : ");

        Name = sc.nextLine();

        System.out.print("PLEASE ENTER YOUR MOBILE NUMBER
: ");

        MobileNumber = sc.nextLine();

        System.out.println();

        System.out.println("-----
-----");

        System.out.println("OTP LOADING. PLEASE WAIT!");
    }

    void OtpGeneration()
    {
        Scanner sc = new Scanner(System.in);

        System.out.println("-----
-----");

        System.out.println();

        System.out.println();

        Random x = new Random();

        rand = x.nextInt(1000000) + 1;

        try
        {
            Thread.sleep(5000);

```

```

        System.out.println("YOUR OTP IS " + rand);
    }
    catch (Exception e) {
        System.out.println(e);
    }
    System.out.print("ENTER THE GIVEN OTP
: ");

    OTP = sc.nextLong();
    System.out.println();
    System.out.println();
    System.out.println("-----
-----");
}

void OtpVerification()
{
    Scanner sc = new Scanner(System.in);
    System.out.println("PLEASE WAIT WHILE WE VERIFY YOUR OTP");
    if (rand == OTP)
    {
        System.out.println("YOU HAVE ENTERED THE CORRECT OTP. LET'S
PROCEED FURTHER");
        System.out.println("-----
-----");
        System.out.println();
    }
else
    {
        System.out.println("YOUR OTP IS WRONG. WE WILL SEND
ANOTHER OTP. ENTER IT CAREFULLY");
        System.out.println("-----
-----");
    }
}

```

```

        System.out.println();
        System.out.println();
        try {
            System.out.print("LOADING....");
            System.out.println();
            System.out.println();
            Thread.sleep(5000);
            System.out.print("YOUR NEW OTP IS ");
Random x = new Random();                rand =
x.nextInt(1000000) + 1;
            System.out.println(rand);
        }
        catch (Exception e) {
            System.out.println(e);
        }
        System.out.print("ENTER THE GIVEN OTP
: ");
        OTP = sc.nextLong();
        System.out.println("-----
-----");
    }
}

void DisplayMobileNumber()
{
try
{
    LocalDateTime current = LocalDateTime.now();
    DateTimeFormatter formatter =
DateTimeFormatter.ofLocalizedDateTime(FormatStyle.MEDIUM);
    String formatted = current.format(formatter);

```

```

        FileWriter F = new FileWriter("F:Certificate.txt");

        F.write("-----");
        F.write("\n");
        F.write("\t\t\t\t\tACCOUNT DETAILS FOR DOSE 1");
        F.write("\n");
        F.write("-----");
        F.write("\n");
        F.write("Date And Time      : " + formatted);
        F.write("\n");
        F.write("MOBILE NUMBER    : ");
        F.write(MobileNumber);
        F.write("\n");
        F.close();
    }

    catch (IOException e)
    {
        System.out.println("Unexpected error occurred");
        e.printStackTrace();
    }
}

class Slot_Booking extends Registration
{
    int Number;
    String AadharCardNumber;
    String strName;
    String strGender;
    int YearOfBirth;

```

```

String VaccineType;
String Center;
String BookingTime;
String BookingDate;
int rand1, rand2;

void Password_Set()
{
    Scanner sc = new Scanner(System.in);
    x = 0;
    System.out.println();
    System.out.print("PLEASE SET YOUR PASSWORD WITH LENGTH
FROM 8-32 CHARACTERS          : ");
    pass = sc.nextLine();
    System.out.println();
    System.out.println();

    int length = pass.length();
    int flag = 0;

    if (!(length >= 8 && length <= 32))
    {
do
    {
        System.out.println("\n\tERROR! LENGTH OF YOUR PASSWORD
SHOULD BE LENGTH 8 - 32 CHARACTERS ENTER IT ONCE AGAIN: ");

        System.out.print("PLEASE SET YOUR PASSWORD WITH LENGTH
FROM 8-32 CHARACTERS          : ");

        pass      =      sc.nextLine();
length          =      pass.length();
    }
}

```

```

System.out.println();          if (length
>= 8 && length <= 32)
    {
flag = 1;
break;
    }

x++;
    }

while (x < 3);
    {
        if (!(length >= 8 && length <= 32))
        {
            System.out.println("\n\tSORRY - YOU HAVE EXHAUSTED THE
MAXIMUM TRIALS ..");
        }
    }
    }

else    {
flag = 1; }

    }

```

```

void Booking()
{
    Scanner sc = new Scanner(System.in);
    int total = 0;
    System.out.println("/*****"/);
    System.out.print("ENTER THE 12 DIGIT AADHAR CARD NUMBER
: ");
    AadharCardNumber = sc.nextLine();
    int Alength = AadharCardNumber.length();

```



```

        int flag = 0, x = 0;

        System.out.print("ENTER YOUR FULL NAME
: ");

        strName = sc.nextLine();

        System.out.print("ENTER YOUR GENDER
: ");

        strGender = sc.nextLine();

        System.out.print("ENTER YOUR YEAR OF BIRTH
: ");

        YearOfBirth = sc.nextInt();
if(YearOfBirth>2003)
    {
        System.out.println();
        System.out.println();
        System.out.println("-----
-----");

        System.out.println("\t\t\tSORRY! YOUR ARE 18 OR LESS YEARS OLD
SO YOU ARE NOT ELIGIBLE TO TAKE VACCINE");

        System.out.println("-----
-----");

        System.out.println();
        System.out.println();
        System.exit(0);
    }

    System.out.println("THE DETAILS OF " + strName + " SAVED
SUCCESSFULLY");

    System.out.println("/*****/");

    System.out.println();
System.out.println();
}

void Slot()

```

```

{
    Scanner sc = new Scanner(System.in);

    System.out.print("CHOOSE THE VACCINE TYPE FROM BELOW
OPTIONS\n");

    System.out.println("\t->1.COVISHIELD");
    System.out.println("\t->2.COVAXIN");
    System.out.println("\t->3.PFIZER");
    System.out.println("\t->4.MODERNA");
    System.out.println("\t->5.SPUTNIK V");

    System.out.print("VACCINE TYPE
: ");

    VaccineType = sc.nextLine();
}

void Appoinment()
{
    Scanner sc = new Scanner(System.in);

    System.out.println("NOW WE WILL SCHEDULE YOUR 1st DOSE
APPOINTMENT");      System.out.println("-----
-----");

    System.out.print("CHOOSE YOUR NEAREST VACCINATION CENTER
WHICH IS CONVENIENT TO YOU      : ");

    Center    =    sc.nextLine();

    Random  x1  =  new  Random();
    rand1   =  x1.nextInt(30)  +  1;

    Random  x2  =  new  Random();
    rand2   =  x2.nextInt(6) + 1;

    System.out.println("-----
-----");

    System.out.println();

    System.out.println();

}

```

```

void Appointment2()
{
    Scanner sc = new Scanner(System.in);

    System.out.println("NOW WE WILL SCHEDULE YOUR 2nd DOSE
APPOINTMENT");

    System.out.println("-----
-----");

    System.out.println("CHOOSE YOUR NEAREST VACCINATION CENTER
WHICH IS CONVENIENT TO YOU      : ");

    Center    =    sc.nextLine();
Random  x1  =  new  Random();
rand1  =  x1.nextInt(27)  +  1;
Random  x2  =  new  Random();
rand2 = x2.nextInt(6) + 1;

    System.out.println("-----
-----");

    System.out.println();
    System.out.println();
}

```

```

void DisplayOtherDetails()
{
try
{
    BufferedWriter writer = new BufferedWriter(
new FileWriter("F:Certificate.txt", true));
writer.write("Name      : ");
writer.write(strName);      writer.write("\n");

```

```

        writer.write("-----");
        writer.write("\n");

        writer.write("YearOfBirth" + "\t\t" + "AadharCardNumber" + "\t\t" +
"gender");
        writer.write("\n");

        writer.write("  " + YearOfBirth + "\t\t\t" + "  " + AadharCardNumber +
"\t\t\t" + "  " + strGender);
        writer.write("\n");

        writer.write("-----");
        writer.write("\n");
        writer.write("DOSE:1 | "
+"VaccineType:" + VaccineType);
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("Center" + "\t\t" + "  " + "Date" + "\t\t"
+ "Time");
        writer.write("\n");

        writer.write(Center + "\t\t" + rand1 + "-12-2021" + "\t" + rand2 + " PM");
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("DOSE:2");
        writer.write("\n");
        writer.write("APPOINTMENT IS NOT AVAIAABLE");
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.close();
    }
    catch (IOException e)
    {
        System.out.println("Unexpected error occurred");
    }
}

```

```

        e.printStackTrace();
    }
}

void Dose2()
{
    Scanner sc=new Scanner(System.in);
    String password;
    System.out.print("ENTER YOUR PASSWORD TO BOOK YOUR SLOT
FOR DOSE 2                                : ");
    password = sc.nextLine();
    if(pass.equals(password))
    {
    try {
        BufferedWriter writer = new BufferedWriter(
            new FileWriter("F:Certificate.txt", true));
        writer.write("\n");
        writer.write("\n");
        writer.write("\n");

        writer.write("*****
*****
*****");

        writer.write("\n");
        writer.write("\n");

        writer.write("-----
-----");

        writer.write("\n");

        writer.write("\t\t\t\t\tACCOUNT DETAILS FOR DOSE 2");
        writer.write("\n");
        writer.write("-----
-----");

        writer.write("\n");

```

```

        writer.write("YearOfBirth" + "\t\t" + "AadharCardNumber" + "\t\t"
+ "gender");

        writer.write("\n");

        writer.write(" " + YearOfBirth + "\t\t\t" + " " + AadharCardNumber
+ "\t\t\t" + " " + strGender);

        writer.write("\n");

        writer.write("-----
-----");

writer.write("\n");                writer.write("DOSE:1 | "
+"VaccineType:"+VaccineType);

        writer.write("\n");

        writer.write("-----
-----");

writer.write("\n");                writer.write("Center" + "\t\t" + " " + "Date" +
"\t\t" + "Time");                writer.write("\n");

        writer.write(Center + "\t\t" + rand1 + "-12-2021" + "\t" + rand2 + "
PM");

        writer.write("\n");

        writer.write("-----
-----");

writer.write("\n");                writer.write("DOSE:2 | "
+"VaccineType:"+VaccineType);

        writer.write("\n");

        writer.write("-----
-----");

writer.write("\n");                writer.write("Center" + "\t\t" + " " + "Date" +
"\t\t" + "Time");                writer.write("\n");

        writer.write(Center + "\t\t" + rand1 + "-03-2022" + "\t" + rand2 + "
PM");

        writer.write("\n");

```

```

        writer.write("-----");
        -----");
writer.write("\n");           writer.write("\n");           writer.close();
    }
    catch (IOException e)
    {
        System.out.println("Unexpected error occurred");
        e.printStackTrace();
    }
}
else
{
    System.out.println("YOUR PASSWROD IS INCORRECT. ENTER IT
ONCE AGAIN");

    System.out.print("ENTER YOUR PASSWORD TO BOOK YOUR SLOT
FOR DOSE 2           : ");           password = sc.nextLine();
    if(pass.equals(password))
    {
        try {
            BufferedWriter writer = new BufferedWriter(
new           FileWriter("F:Certificate.txt",           true));
            writer.write("\n");           writer.write("\n");
            writer.write("\n");

            writer.write("*****
*****
*****");
            writer.write("\n");
            writer.write("\n");

```

```

        writer.write("-----");
        writer.write("\n");
        writer.write("\t\t\t\t\tACCOUNT DETAILS FOR DOSE 2");
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("YearOfBirth" + "\t\t" + "AadharCardNumber" + "\t\t"
+ "gender");
        writer.write("\n");
        writer.write(" " + YearOfBirth + "\t\t\t" + " " + AadharCardNumber
+ "\t\t\t" + " " + strGender);
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("DOSE:1 | " + "VaccineType:" + VaccineType);
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("Center" + "\t\t" + " " + "Date" +
"\t\t" + "Time");
        writer.write("\n");
        writer.write(Center + "\t\t" + rand1 + "-12-2021" + "\t" + rand2 + "
PM");
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");
        writer.write("DOSE:2 | "
+ "VaccineType:" + VaccineType);
        writer.write("\n");
        writer.write("-----");
        writer.write("\n");

```



```

writer.write("\n");                writer.write("Center" + "\t\t" + "    " + "Date" +
"\t\t" + "Time");                writer.write("\n");

    writer.write(Center + "\t\t" + rand1 + "-03-2022" + "\t" + rand2 + "
PM");

    writer.write("\n");
    writer.write("-----
-----");
writer.write("\n");                writer.write("\n");                writer.close();
    }
    catch (IOException e)
    {
        System.out.println("Unexpected error occurred");
        e.printStackTrace();
    }
}
else
    {
        System.out.println("\n\tSORRY - YOU HAVE EXHAUSTED THE
MAXIMUM TRIALS ..");
    }
}
}
}
}

```

```

public class Innovative extends Registration {
public static void main(String[] args) {
    Scanner sc=new Scanner(System.in);
    Registration R = new Registration();
    R.Details();
    R.OtpGeneration();
    R.OtpVerification();
}
}

```

```
Slot_Booking S = new Slot_Booking();  
S.Password_Set();  
S.Booking();  
S.Slot();  
S.Appoinment();
```

```
R.DisplayMobileNumber();  
S.DisplayOtherDetails();
```

```
System.out.print("ENTER 1 FOR BOOKING YOUR APPOINTMENT FOR  
DOSE-2 OR 2 FOR DOSE-1 AND 3 FOR EXIT  : ");
```

```
int Num=sc.nextInt();  
if(Num==1)  
{  
    S.Dose2();  
try  
{  
    System.out.println();  
    System.out.println();  
    System.out.println("PLEASE WAIT YOUR CERTIFICATE IS BEING  
GENERATED");  
    Thread.sleep(5000);  
    System.out.println("YOUR CERTIFICATE IS READY PLEASE CHECK  
IT");  
    System.out.println();  
    System.out.println();  
}  
catch (Exception e)  
{  
    System.out.println(e);
```

```
}  
}  
else if(Num==2)  
{  
    main(null);  
}  
else{  
    System.exit(0);  
}  
}
```

OUTPUT Photos & Explanation:

```
PS C:\Users\Dell\Documents\karan_gondaliya's_OOP.java> cd "c:\Users\Dell\Documents\karan_gondaliya's_OOP.java\" ; if ($?) { javac Innovative.java } ; if ($?) { java Innovative }

-----
WELCOME TO COWIN Registration. VACCINATE YOURSELF AND LETS FIGHT AGAINST COVID-19 TOGETHER
-----

DEAR USER, PLEASE ENTER YOUR FIRST NAME(IN CAPITAL)           : KARAN
PLEASE ENTER YOUR MOBILE NUMBER                               : 7016001231
-----

OTP LOADING. PLEASE WAIT!
-----

YOUR OTP IS 376788
ENTER THE GIVEN OTP                                           : 376787
-----

PLEASE WAIT WHILE WE VERIFY YOUR OTP
YOUR OTP IS WRONG. WE WILL SEND ANOTHER OTP. ENTER IT CAREFULLY
-----

LOADING....

YOUR NEW OTP IS 690889
ENTER THE GIVEN OTP                                           : 690889
-----
```

Explanation 1

We start running the program – 1st, we call the Registration class where within the method : void Details() – we take input of Name and Mobile Number. There are 2 other methods in class Registration – namely void OTPGeneration() & void OTPVerification().

Using Random Number Generation concept – an OTP is generated. Before the OTP is displayed, we have used Thread.sleep wherein we give a delay of 5 seconds. Once you enter the OTP, void OTPVerification() method verifies if it is correct or not. We give 1 more try to the user if it is incorrectly entered. If correctly entered, we proceed further ahead.

```
PLEASE SET YOUR PASSWORD WITH LENGTH FROM 8-32 CHARACTERS : 12345678

/*****/
ENTER THE 12 DIGIT AADHAR CARD NUMBER : 123456789012
ENTER YOUR FULL NAME : Karan Gondaliya
ENTER YOUR GENDER : Male
ENTER YOUR YEAR OF BIRTH : 2003
THE DETAILS OF Karan Gondaliya SAVED SUCCESSFULLY
/*****/

CHOOSE THE VACCINE TYPE FROM BELOW OPTIONS
->1.COVISHIELD
->2.COAXIN
->3.PFIZER
->4.MODERNA
->5.SPUTNIK V
VACCINE TYPE : Pfizer
NOW WE WILL SCHEDULE YOUR 1st DOSE APPOINTMENT
-----
CHOOSE YOUR NEAREST VACCINATION CENTER WHICH IS CONVENIENT TO YOU : Surat
-----

ENTER 1 FOR BOOKING YOUR APPOINTMENT FOR DOSE-2 OR 2 FOR DOSE-1 AND 3 FOR EXIT : 1
ENTER YOUR PASSWORD TO BOOK YOUR SLOT FOR DOSE 2 : 1234567
YOUR PASSWROD IS INCORRECT.ENTER IT ONCE AGAIN
ENTER YOUR PASSWORD TO BOOK YOUR SLOT FOR DOSE 2 : 12345678

PLEASE WAIT YOUR CERTIFICATE IS BEING GENERATED
YOUR CERTIFICATE IS READY PLEASE CHECK IT
```

Explanation 2

Next, in the class SlotBooking() which inherits class Registration– in the method void PasswordSet() - The user is asked to set the password between 8-32 characters. We have validated it, i.e if <8 or >32 characters – user has to enter it again – total 3 tries are given. Only if valid syntax of password, we proceed to void Booking() where other important details like Aadhar Card Number, Gender, Birth year are stored. The user is asked for his choice of vaccine in the void Slot() method and place of vaccination in void Appointment() – in the same method – using random numbers – date and time of appointment is also fixed. Now using void DisplayOtherDetails() – wherein we have used file handling, the certificate is printed in a text file which is shown on the next page – user is given a choice whether to schedule 1st dose for a family member or 2nd dose for himself.

Here, we see that user has clicked on scheduling dose 2 – he is asked for password through method- void Dose2() – if he enters correct password, automatically his 2nd dose is scheduled approximately 3 months from the 2nd dose and again using file handling, we print the final vaccination certificate

```

Certificate - Notepad
File Edit Format View Help
-----
ACCOUNT DETAILS FOR DOSE 1
-----
Date And Time      : 14-Nov-2021, 12:50:03 pm
MOBILE NUMBER     : 7016001231
Name              : Karan Gondaliya
-----
YearOfBirth        AadharCardNumber      gender
2003               123456789012          Male
-----
DOSE:1 |VaccineType:Pfizer
-----
Center      Date      Time
Surat       21-12-2021  3 PM
-----
DOSE:2
APPOINMENT IS NOT AVAIABLE
-----

*****

```

```

Certificate - Notepad
File Edit Format View Help
-----
*****
-----
ACCOUNT DETAILS FOR DOSE 2
-----
YearOfBirth        AadharCardNumber      gender
2003               123456789012          Male
-----
DOSE:1 |VaccineType:Pfizer
-----
Center      Date      Time
Surat       21-12-2021  3 PM
-----
DOSE:2 |VaccineType:Pfizer
-----
Center      Date      Time
Surat       21-03-2022  3 PM
-----

Ln 1, Col 1      100%   Unix (LF)   UTF-8

```

Now, let us book a slot for another user – the same process is followed as above and this is just to demonstrate that multiple people can book their slots

```

-----
WELCOME TO COVIN Registration. VACCINATE YOURSELF AND LETS FIGHT AGAINST COVID-19 TOGETHER
-----
DEAR USER, PLEASE ENTER YOUR FIRST NAME(IN CAPITAL) : DEVANSH
PLEASE ENTER YOUR MOBILE NUMBER : 9825573604
-----
OTP LOADING. PLEASE WAIT!
-----
YOUR OTP IS 330033
ENTER THE GIVEN OTP : 330033
-----
PLEASE WAIT WHILE WE VERIFY YOUR OTP
YOU HAVE ENTERED THE CORRECT OTP. LET'S PROCEED FURTHER
-----
PLEASE SET YOUR PASSWORD WITH LENGTH FROM 8-32 CHARACTERS : 09876543
-----
/*****/
ENTER THE 12 DIGIT AADHAR CARD NUMBER : 098765432109
ENTER YOUR FULL NAME : Devansh Shah
ENTER YOUR GENDER : Male
ENTER YOUR YEAR OF BIRTH : 2002
THE DETAILS OF Devansh Shah SAVED SUCCESSFULLY
/*****/

```

```

ENTER THE GIVEN OTP : 330033
-----
PLEASE WAIT WHILE WE VERIFY YOUR OTP
YOU HAVE ENTERED THE CORRECT OTP. LET'S PROCEED FURTHER
-----
PLEASE SET YOUR PASSWORD WITH LENGTH FROM 8-32 CHARACTERS : 09876543
-----
/*****/
ENTER THE 12 DIGIT AADHAR CARD NUMBER : 098765432109
ENTER YOUR FULL NAME : Devansh Shah
ENTER YOUR GENDER : Male
ENTER YOUR YEAR OF BIRTH : 2002
THE DETAILS OF Devansh Shah SAVED SUCCESSFULLY
/*****/
CHOOSE THE VACCINE TYPE FROM BELOW OPTIONS
->1.COVISHIELD
->2.COVAXIN
->3.PFIZER
->4.MODERNA
->5.SPUTNIK V
VACCINE TYPE : Covaxine
NOW WE WILL SCHEDULE YOUR 1st DOSE APPOINTMENT
CHOOSE YOUR NEAREST VACCINATION CENTER WHICH IS CONVENIENT TO YOU : Baroda
-----
ENTER 1 FOR BOOKING YOUR APPOINTMENT FOR DOSE-2 OR 2 FOR DOSE-1 AND 3 FOR EXIT : 3
PS C:\Users\De11\Documents\karan_gondaliya's_OOP.java>

```

```

Certificate - Notepad
File Edit Format View Help
-----
ACCOUNT DETAILS FOR DOSE 1
-----
Date And Time : 14-Nov-2021, 1:40:13 pm
MOBILE NUMBER : 9825573604
Name : Devansh Shah
-----
YearOfBirth : 2002
AadharCardNumber : 098765432109
gender : Male
-----
DOSE:1 |VaccineType:Covaxine
-----
Center : Baroda
Date : 7-12-2021
Time : 1 PM
-----
DOSE:2
APPOINMENT IS NOT AVAIABLE
-----

```

This is the certificate generated for 2nd person (as dose 2 is not yet scheduled – we have kept it as appointment details not available)

```
-----
WELCOME TO COWIN Registration. VACCINATE YOURSELF AND LETS FIGHT AGAINST COVID-19 TOGETHER
-----
DEAR USER, PLEASE ENTER YOUR FIRST NAME(IN CAPITAL)           : DHRUV
PLEASE ENTER YOUR MOBILE NUMBER                               : 9510714316
-----
OTP LOADING. PLEASE WAIT!
-----
YOUR OTP IS 396906
ENTER THE GIVEN OTP                                           : 396906
-----
PLEASE WAIT WHILE WE VERIFY YOUR OTP
YOU HAVE ENTERED THE CORRECT OTP. LET'S PROCEED FURTHER
-----
PLEASE SET YOUR PASSWORD WITH LENGTH FROM 8-32 CHARACTERS     : 12345678
-----
/*****/
ENTER THE 12 DIGIT AADHAR CARD NUMBER                         : 123456789012
ENTER YOUR FULL NAME                                           : Dhruv Prajapati
ENTER YOUR GENDER                                              : Male
ENTER YOUR YEAR OF BIRTH                                       : 2004
-----
SORRY! YOUR ARE 18 OR LESS YEARS OLD SO YOU ARE NOT ELIGIBLE TO TAKE VACCINE
-----
```

We have also kept a validation in the age in void Booking() method – as the vaccine isn't available to those below 18 years, in case if someone enters their birth year >=2004 the program is terminated
