**Java-8 – User authentication using Predicate**

* **Program:**

class User{

String userName;

String password;

public User(String userName, String password){

this.userName = userName;

this.password = password;

}

}

import java.util.function.Predicate;

import java.util.Scanner;

class UserAuthenticationDemo{

public static void main(String[] args){

Predicate<User> p = u -> u.userName.equals(“durga”) && u.password.equals(“java”);

Scanner sc = new Scanner(System.in);

System.out.println(“Enter user name:”);

String userName = sc.next();

System.out.println(“Enter password:”);

String password = sc.next();

User user = new User(userName, password);

If(p.test(user)){

System.out.println(“Valid user and can avail all services”);

} else{

System.out.println(“Invalid user you cannot avail services”);

}

}

}