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

* **Program:**

import java.util.Scanner;

import java.util.function.Function;

class UserAuthenticationDemo{

public static void main(String[] args){

Function<String, String> f1 = s -> s.toLowerCase();

Function<String, String> f2 = s -> s.substring(0, 5);

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();

if(f1.andThen(f2).apply(userName).equals(“durga”) && password.equals(“java”)){

System.out.println(“Valid user”);

} else {

System.out.println(“Invalid user”);

}

}

}