Mini Project - 2

Create a Password Strength Indicator for a login page of our website

package intenship\_voc;

import java.util.Scanner;

public class pw\_strength {

public static String check\_pw\_strength(String input) {

char[] has\_special\_char={'~' , '`' , '!' , '@' , '#' , '$' , '%' , '^' , '&' , '\*' , '(' , ')' , '\_' , '-' , '+' , '=' , '{' , '[' , '}' , ']' , '|' , ':' , ';' , '<' , ',' , '>' , '.' , '?', '/' };

boolean has\_upperchar=false;

boolean has\_lowerchar=false;

boolean has\_specialchar=false;

boolean has\_digit=false;

for(char c:input.toCharArray()) {

if(Character.*isDigit*(c)) {

has\_digit=true;

}

else if(Character.*isUpperCase*(c)) {

has\_upperchar=true;

}

else if(Character.*isLowerCase*(c)) {

has\_lowerchar=true;

}

for(int i=0;i<has\_special\_char.length;i++) {

if(has\_special\_char[i]==c) {

has\_specialchar=true;

break;

}

}

}

if(has\_upperchar && has\_lowerchar && has\_specialchar && has\_digit && input.length()>=8) {

return "Strong";

}

else if((has\_upperchar || has\_lowerchar || has\_specialchar || has\_digit) && input.length()>=6 && input.length()<8) {

return "Medium";

}

else {

return "Weak";

}

}

public static void main(String[] args) {

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

System.***out***.println("Enter Your Secrete Password : ");

String input=sc.next();

String value=*check\_pw\_strength*(input);

System.***out***.println("Your Password is "+value);

}

}

Output :

Enter Your Name :

Seetharam

Enter Your Secrete Password :

hndviuhai56

Your Password is Weak