

```
import java.io.*;
```

```
import java.util.*;
```

```
class GFG {
```

```
public static void  
printStrongNess(String input)
```

```
{
```

```
// Checking lower alphabet in string
```

```
int n = input.length();
```

```
boolean hasLower = false, hasUpper =
```

false,

hasDigit = false, specialChar = false;

**Set<Character> set = new
HashSet<Character>(**

**Arrays.asList('!', '@', '#', '\$', '%', '^', '&',
'*', '(', ')', '-', '+'));**

for (char i : input.toCharArray())

{

if (Character.isLowerCase(i))

hasLower = true;

if (Character.isUpperCase(i))

```
hasUpper = true;
```

```
if (Character.isDigit(i))
```

```
hasDigit = true;
```

```
if (set.contains(i))
```

```
specialChar = true;
```

```
}
```

```
// Strength of password
```

```
System.out.print("Strength of  
password:- ");
```

```
if (hasDigit && hasLower && hasUpper  
&& specialChar
```

&& (n >= 8))

System.out.print(" Strong");

**else if ((hasLower || hasUpper ||
specialChar)**

&& (n >= 6))

System.out.print(" Moderate");

else

System.out.print(" Weak");

}

// Driver Code

```
public static void main(String[] args)

{

String input =
"goutusushb2918#tejaramu";

printStrongNess(input);

}

}
```

Input : "goutusushb2918#tejaramu"
Output : Strong

Input : "gfg!@12"
Output : Moderate