

Password-Generator

```
import java.security.SecureRandom;

public class PasswordGenerator {

    public static void main(String[] args) {

        int length = 12; // Change the length as
        per your requirements

        String generatedPassword =
        generatePassword(length);

        System.out.println("Generated
        Password: " + generatedPassword);
```

```
}
```

```
    public static String  
    generatePassword(int length) {  
        String validCharacters =  
        "ABCDEFGHIJKLMNOPQRSTUVWXYZabcd  
        efghijklmnopqrstuvwxyz0123456789!@#$  
        %^&*()_+";
```

```
        SecureRandom random = new  
        SecureRandom();
```

```
        StringBuilder password = new  
        StringBuilder();
```

```
        for (int i = 0; i < length; i++) {
```

```
        int randomIndex =  
random.nextInt(validCharacters.length());  
        char randomChar =  
validCharacters.charAt(randomIndex);  
        password.append(randomChar);  
    }  
  
    return password.toString();  
}  
}
```