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import java.util.Random;

public class randPassword{
    public static void main(String[] args) {
        int min=8, max = 16;
        Random rand = new Random();
        for(int i = 0; i< 10 ; i++) {
            int iLength = rand.nextInt((max - min) + 1) + min;
            if(iLength >8 && iLength <=9){
                System.out.print("Password length is : "+ iLength + ", it is very weak, ");
                System.out.println(generatePassword(iLength));
            } else if (iLength >9 && iLength <=11) {
                System.out.print("Password length is : "+ iLength + ", it is weak, ");
                System.out.println(generatePassword(iLength));
            } else if (iLength >=12 && iLength <=13) {
                System.out.print("Password length is : "+ iLength + ", it is Medium, ");
                System.out.println(generatePassword(iLength));
            } else if (iLength >=14 && iLength <15) {
                System.out.print("Password length is : "+ iLength + ", it is Strong, ");
                System.out.println(generatePassword(iLength));
            } else if (iLength >=15 && iLength <= 16) {
                System.out.print("Password length is : "+ iLength + ", it is Very Strong, ");
                System.out.println(generatePassword(iLength));
            }
        }
    }

    private static char[] generatePassword(int length) {
        String capitalCaseLetters = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
        String lowerCaseLetters = "abcdefghijklmnopqrstuvwxyz";
        String specialCharacters = "!@#$%";
        String numbers = "1234567890";
        String combinedChars = capitalCaseLetters + lowerCaseLetters + specialCharacters + numbers;
        Random random = new Random();
        char[] password = new char[length];

        password[0] = lowerCaseLetters.charAt(random.nextInt(lowerCaseLetters.length()));
        password[1] = capitalCaseLetters.charAt(random.nextInt(capitalCaseLetters.length()));
        password[2] = specialCharacters.charAt(random.nextInt(specialCharacters.length()));
        password[3] = numbers.charAt(random.nextInt(numbers.length()));

        for(int i = 4; i< length ; i++) {
            password[i] = combinedChars.charAt(random.nextInt(combinedChars.length()));
        }
        return password;
    }
}

```