```java
package regextalk.password.toshow;

import java.util.Arrays;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class Password02RegexTwoRules {
   public static final String SPECIAL_CHARS = "><?.,!@#$%^&*+=_)(\\}\\{\\]\\[";
   public static final String LKA_LOWER = "(?=.*[a-z])";    //LKA: lookahead
   public static final String LKA_UPPER = "(?=.*[A-Z])";
   public static final String LKA_DIGIT = "(?=.*[0-9])";
   public static final String LKA_SPECIAL = "(?=.*[" + SPECIAL_CHARS + "])";

   private static final String REGEX = "" +
      "^" +                                  //start of input
         "(?:" +                             //non capturing group
            LKA_LOWER + LKA_UPPER +               //Option 1
            "|" +                                    //or
            LKA_LOWER + LKA_DIGIT +               //Option 2
            "|" +                                    //or
            LKA_LOWER + LKA_SPECIAL +             //Option 3
            "|" +                                    //or
            LKA_UPPER + LKA_DIGIT +               //Option 4
            "|" +                                    //or
            LKA_UPPER + LKA_SPECIAL +             //Option 5
            "|" +                                    //or
            LKA_DIGIT + LKA_SPECIAL +             //Option 6
         ")" +                                  //end of non-capturing group
      "[A-Za-z0-9" + SPECIAL_CHARS + "]" +   //All possible characters
      "{8,24}" +                             //8 to 24 chars
      "$";                                   //end of input

   public static void main(String[] ignored) {
      String regex = REGEX;
      String[] inputs = Password01RegexThreeRules.newInputs();

      Matcher matcher = Pattern.compile(regex).matcher("ignored input");

      Arrays.stream(inputs).forEach(input -> {

         boolean valid = matcher.reset(input).find();

         System.out.printf("\"%s\" is %s password.%n", input, (valid ? "a VALID" : "an invalid"));
      });
   }
}

```