1)STRING MATCHER

import java.util.regex.\*;

class match

{

public static void main (String args[])

{

String a = "ababccabcbc";

Pattern p=Pattern.compile("ab");

Matcher m=p.matcher(a);

while(m.find())

{

System.out.println(m.group()+" found in : "+m.start()+"position and end in "+m.end());

}

}

}

2) SPACE

import java.util.regex.Pattern;

public class string

{

public static void main(String[] args)

{

String a = "tamil tamilnadu tamil";

Pattern p = Pattern.compile("\\s");

String[] st2 = p.split(a);

for (String r : st2)

{

System.out.println(r);

}

}

}

3)DOT

import java.util.regex.Pattern;

public class StringSplitByDot {

public static void main(String[] args) {

String a = "tamil.tamilnadu.nadu.nadu";

Pattern p = Pattern.compile("\\.");

String[] st2 = p.split(a);

for (String r : st2) {

System.out.println(r);

}

}

}

4)QUALIFIERS

import java.util.regex.Pattern;

import java.util.regex.Matcher;

public class pattern

{

public static void main(String[] args)

{

String a = "aaabbb ccc dddd eee ffffff ggggggg";

String p = "a+b+";

Pattern regexp = Pattern.compile(p);

Matcher matcher1 = regexp.matcher(a);

System.out.println("Matches for pattern '" + p + "':");

while (matcher1.find())

{

System.out.println("Found: " + matcher1.group());

}

}

}

5)DIGITS,WORDS,SPACE,BOUNDRIES

import java.util.regex.Pattern;

import java.util.regex.Matcher;

public class RegexExample { // Renamed class to avoid conflict with java.util.regex.Pattern

public static void main(String[] args) {

String t = "Hello World 123!";

// Pattern to match digits

Pattern p = Pattern.compile("\\d+");

Matcher m = p.matcher(t);

System.out.println("Digits:");

while (m.find()) System.out.println(m.group());

// Pattern to match whitespace

p = Pattern.compile("\\s+");

m = p.matcher(t);

System.out.println("Whitespaces:");

while (m.find()) System.out.println("Found whitespace");

// Pattern to match word characters

p = Pattern.compile("\\w+");

m = p.matcher(t);

System.out.println("Words:");

while (m.find()) System.out.println(m.group());

// Pattern to match word boundaries

p = Pattern.compile("\\b\\w+\\b");

m = p.matcher(t);

System.out.println("Words with boundaries:");

while (m.find()) System.out.println(m.group());

}

}