

“Expresiones Regulares: Validar mail”

```
package ExpresionesIrregulares;

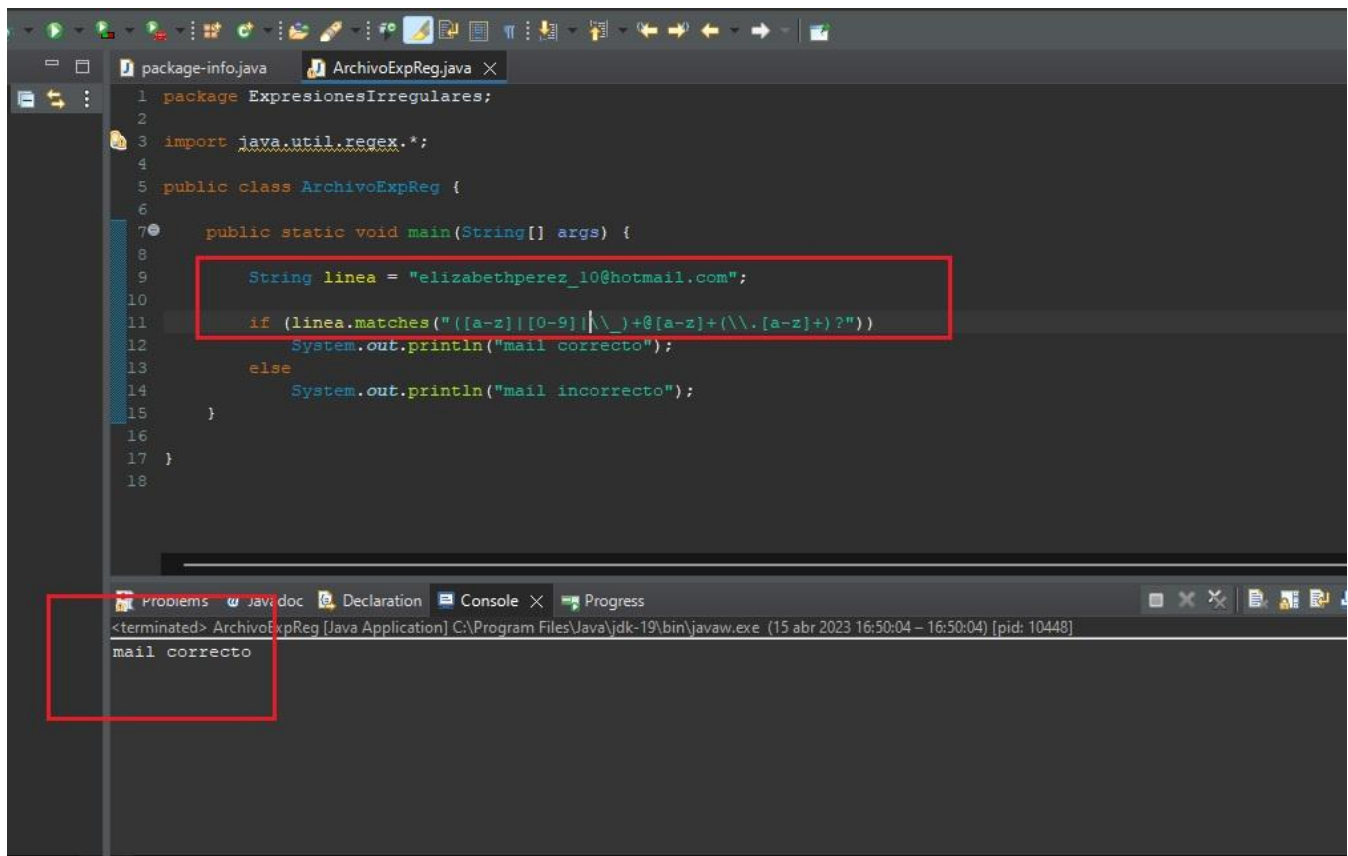
import java.util.regex.*;

public class ArchivoExpReg {

    public static void main(String[] args) {

        String linea = "elizabethperez_10@hotmail.com";

        if (linea.matches("[a-z]|[0-9]|\\_)+@[a-z]+(\\. [a-z]+)?"))
            System.out.println("mail correcto");
        else
            System.out.println("mail incorrecto");
    }
}
```



“Grupos en Expresiones Regulares”

```
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Archivo Editar Ver

package ExpresionesIrregulares;

import java.util.regex.*;

public class ArchivoExpReg {

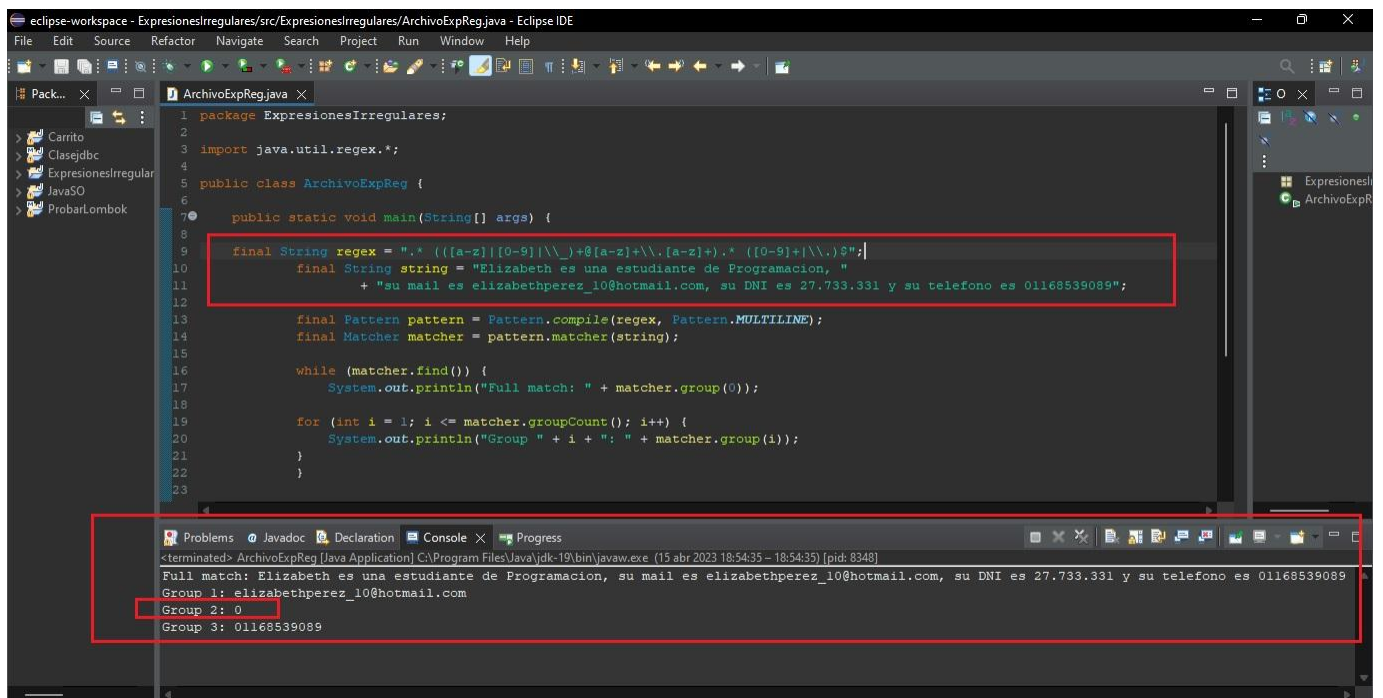
    public static void main(String[] args) {

        final String regex = ".* ((([a-z]|[0-9]|\\.|\\_)+@[a-z]+\\.([a-z]+).*) ([0-9]+|\\.|\\_).*)$";
        final String string = "Elizabeth es una estudiante de Programacion, "
            + "su mail es elizabethperez_10@hotmail.com, su DNI es 27.733.331 y su telefono es 01168539089";

        final Pattern pattern = Pattern.compile(regex, Pattern.MULTILINE);
        final Matcher matcher = pattern.matcher(string);

        while (matcher.find()) {
            System.out.println("Full match: " + matcher.group(0));

            for (int i = 1; i <= matcher.groupCount(); i++) {
                System.out.println("Group " + i + ": " + matcher.group(i));
            }
        }
    }
}
```



The screenshot shows the Eclipse IDE with the file `ArchivoExpReg.java` open. The code defines a regular expression pattern and a string, then uses `Pattern.compile()` and `Matcher.find()` to match the string against the pattern. The console output at the bottom shows the results of the match:

```
<terminated> ArchivoExpReg [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (15 abr 2023 18:54:35 - 18:54:35) [pid: 8348]
Full match: Elizabeth es una estudiante de Programacion, su mail es elizabethperez_10@hotmail.com, su DNI es 27.733.331 y su telefono es 01168539089
Group 1: elizabethperez_10@hotmail.com
Group 2: 0
Group 3: 01168539089
```