

```
package Practice;
```

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

```
public class RegexDemo {
```

```
    public static void main(String[] args) {
```

```
        String regex = "\\d+";
```

```
        Pattern pattern = Pattern.compile(regex);
```

```
        // Email matching
```

```
        String email = "aksingh@yahoo.co.in";
```

```
        String emailRegex = "[a-zA-Z0-9_.-]+@.(.+$)";
```

```
        Pattern emailPattern = Pattern.compile(emailRegex);
```

```
        Matcher emailMatcher = emailPattern.matcher(email);
```

```
        if(emailMatcher.matches())
```

```
        {  
            System.out.println("\n The given email is a valid email");
```

```
        }  
        else
```

```
        {  
            System.out.println("\n The given email is NOT a valid email");
```

```
        }  
    }
```

```
}
```