

```
package com.simplilearn.org;
```

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

```
public class EmailValidation {
```

```
    public static String Check(String email_id)  
    {  
        String result = null;  
        String[] email = {"john12@gmail.com","peter@yahoo.com","robert35@rediff.com","surya108@orkut.com","george356@hello.com"};  
        for (int i=0;i<email.length;i++)  
        {  
            if(email_id.equals(email[i]))  
            {  
                result = "Valid";  
                break;  
            }  
            else  
            {  
                result = "Invalid";  
            }  
        }  
        return result;  
    }  
}
```

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

```
        String a=null;  
        String pattern = "[a-zA-Z0-9]+"+"@"+"[a-zA-Z0-9]+"+"."+"[a-z]{3}";
```

```
        String[] email = {"john12@gmail.com","peter@yahoo.com","robert35@rediff.com","surya108@orkut.com","george356@hello.com"};
```

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

```
        for (int i=0;i<email.length;i++)  
        {  
            Matcher m = p.matcher(email[i]);  
            boolean b = m.matches();  
            System.out.println(b);  
        }
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Please enter your email id: ");
```

```
        a=sc.next();
```

```
        String output = EmailValidation.Check(a);
```

```
        System.out.println(output);
```

```
    }
```

```
}
```

