











```
1 //6. Write a program to demonstrate the x-www-form-urlencoded strings.
2
3 import java.io.UnsupportedEncodingException;
4 import java.net.URLEncoder;
5
6 public class Encoder {
7     public static void main(String[] args)
8     {
9
10         try{
11             System.out.println(URLEncoder.encode("%This string has spaces", "UTF-8"));
12             System.out.println(URLEncoder.encode("%This string has asterisks", "UTF-8"));
13             System.out.println(URLEncoder.encode("%This string has percentage signs", "UTF-8"));
14             System.out.println(URLEncoder.encode("%This string has slashes", "UTF-8"));
15             System.out.println(URLEncoder.encode("%This string has quote marks", "UTF-8"));
16             System.out.println(URLEncoder.encode("%This string has colons", "UTF-8"));
17             System.out.println(URLEncoder.encode("%This string has tildes", "UTF-8"));
18             System.out.println(URLEncoder.encode("%This string has parentheses", "UTF-8"));
19             System.out.println(URLEncoder.encode("%This string has periods", "UTF-8"));
20             System.out.println(URLEncoder.encode("%This string has spaces", "UTF-8"));
21             System.out.println(URLEncoder.encode("%This string has equals signs", "UTF-8"));
22             System.out.println(URLEncoder.encode("%This string has ampersands", "UTF-8"));
23
24         }
25         catch(UnsupportedEncodingException ex)
26         {
27             throw new RuntimeException(message: "Broken VM does not support UTF-8");
28         }
29     }
30 }
31
32
```

```
Windows PowerShell
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PS D:\Network Programming\lab1\lab2> & 'C:\Program Files\Java\jdk-20\bin\java.exe' '-enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'D:\Network Programming\lab1\lab2\bin' 'Encoder'
This string has spaces
%25This string has asterisks
%25This string has percentage signs
%25This string has slashes
%25This string has quote marks
%25This string has colons
%25This string has tildes
%25This string has parentheses
%25This string has periods
%25This string has spaces
%25This string has equals signs
%25This string has ampersands
PS D:\Network Programming\lab1\lab2>
```