LongestSubString.java

```java
package FindLongestSubString;

public class LongestSubString {

    private static String LongestStr(String str)
    {
        String str1 = "";
        String str2 = "";

        for(int x=0; x<str.length(); x++)
        {
            char ch = str.charAt(x);
            if(str1.indexOf(ch) == -1)
            {
                str1 += ch;
                continue;
            }
            else
            {
                if(str1.length() > str2.length())
                {
                    str2 = str1;
                }

                str1 = str1.substring(str1.indexOf(ch) + 1) + ch;
            }
        }
            if(str1.length() > str2.length())
            {
                str2 = str1;
            }
        return str2;
    }

    public static void main(String args[])
    {
        System.out.println("The longest substring of Hello World is: " + LongestStr("Hello World"));
    }

}
```