

This test file is based on a.tex¹ by x19290.

SOLVED: bad folding and not slanted problems are common in pLaTeX and LuaTeX-ja.

The cause of the latter problem is that Japanese fonts don't have italic shape by default. In this document, we define them by

```
1 \DeclareFontShape{JY3}{mc}{m}{sl}{<-> s *  
    [0.92489] psft:Ryumin-Light:jfm=ujis;slant  
    =0.167}{}  
2 \DeclareFontShape{JY3}{mc}{m}{it}{<-> ssub* mc/m  
    /sl}{}
```

¹This can be downloaded from <https://gist.github.com/1574793>.

We also avoid white band problem, by setting both the height and the depth of each letter/word to 0 pt.

```
1 #!/bin/sh
2 #長い長い長い長い長い長い長い長い長い長い長い長
   い長い長い長い長い
3 長い長い長い長い長い長い長い長い長い長い長い長い
   , 長い長い長い長い長い長い
4 #I. 長い長い長い長い長い長い長い長い長い長い長い
   長い長い長い長い長い
5 長い長い長い長い長い長い長い長い長い長い長い長い
   長い長い長い長い
6 #IIII IIII IIII IIII IIII IIII IIII IIII IIII
   IIII IIII IIII IIII IIII IIII IIII
7 IIII IIII IIII IIII IIII IIII IIII IIII
   IIII IIII IIII IIII IIII IIII IIII
```

Note that any *kinsoku shori* is not performed inside `lstlisting` environment, as the line 3 in output above. We leave it to further development.

SOLVED: LuaTeX-ja specific problem: when the *begin* line of a listings environment ends with JAchar, the first line of the listing is not rendered.

ex 1: problem; shebang not rendered — 問題

```
1 #!/bin/bash
2 :
```

え!1 あ ,い・あ)う(ええ!2 あ

```
1 え!1 あ ,い・あ )う( え
2 え!2 あ
```

```
1 え!1 あ ,い・あ )う( え
2 え!2 あ
```

```
1 え!1 あアウIオ
2 え!2 あ
```