CSE 351 - Programming Languages Project (2018)

BashToPerl Application **works for all default input files** in folder exampleinputshellscriptfiles and results are same with in exampleoutputperlfiles.

Example outputs and my files which created with BashToPerl conversion application both same results as expected.

```
---------------OUTPUT OF MY PERL FILE example3---------------
Prints x32zz11*yttt122xx
11
---------------OUTPUT OF EXAMPLE FILE example3---------------
Prints x32zz11*yttt122xx
11
---------------OUTPUT OF MY PERL FILE example2---------------
110
---------------OUTPUT OF EXAMPLE FILE example2---------------
110
---------------OUTPUT OF MY PERL FILE example1---------------
5
7
8
---------------OUTPUT OF EXAMPLE FILE example1---------------
5
7
8
---------------OUTPUT OF MY PERL FILE examplebonus---------------
2
4
8
16
32
64
end of program
---------------OUTPUT OF EXAMPLE FILE examplebonus---------------
2
4
8
16
32
64
end of program
---------------OUTPUT OF MY PERL FILE example4---------------
printing x3
-1
1
printing x2 x2=4
---------------OUTPUT OF EXAMPLE FILE example4---------------
printing x3
-1
1
printing x2 x2=4
---------------OUTPUT OF MY PERL FILE example5---------------
200
end of program
---------------OUTPUT OF EXAMPLE FILE example5---------------
200
end of program
```

Project Files:

Readme   => File that explain how it works

BashToPerl.l   => File that defines the lexical analysis rules.

BashToPerl.y   => File that defines the parsing rules and main c program

test.py   => File that perform multiple tests

exampleinputshellscriptfiles/   => Folder which includes example input files to test

exampleoutputperlfiles/   => Folder that includes expected outputs

tests/   => Folder includes multiple BashToPerl outputs of the test.py

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