Learning Perl

Exercises 2

https://github.com/onevcat/LearningPerl

王巍

```
J-Z]-|":
#! /usr/bin/perl
### Radius of the circle is 12.5
$radius = 12.5;

### Radius * 2 * PI = perimeter
$perimeter = $radius * 2 *
3.141592654;

print "Circle Radius:
12.5\nPerimeter: $perimeter\n";
```

```
Onev:Chapter2 onevcat$ ./ex2-1.pl
Circle Radius: 12.5
Perimeter: 78.53981635
onev:Chapter2 onevcat$

コード結果は78.5
```

```
ソースコード:
#! /usr/bin/perl
# Waiting for user input
print "Please enter circle's radius: ";
#Read the input to $radius
chomp ($radius = <STDIN>);
### Radius * 2 * PI = perimeter
$perimeter = $radius * 2 *
3.141592654;
print "Circle Radius: $radius
\nPerimeter: $perimeter\n";
```

```
Chapter2 — bash — 64×17

conev:Chapter2 onevcat$ ./ex2-2.pl
Please enter circle's radius: 12.5
Circle Radius: 12.5
Perimeter: 78.53981635
conev:Chapter2 onevcat$ ./ex2-2.pl
Please enter circle's radius: 33
Circle Radius: 33
Perimeter: 207.345115164
conev:Chapter2 onevcat$ ./ex2-2.pl
Please enter circle's radius: -12
Circle Radius: -12
Perimeter: -75.398223696
conev:Chapter2 onevcat$
```

```
2\pi^*12.5 = 78.5 2\pi^*33 = 207.3 2\pi^*(-12) = -75.4(半径は負の数できないが…)
```

```
ソースコード:
#! /usr/bin/perl
# Waiting for user input
print "Please enter circle's radius: ";
#Read the input to $radius
chomp ($radius = <$TDIN>);
#If the user's input less than 0 (numeric),
assign 0 to radius to ensure the output is 0
if (\frac{1}{2} - \frac{1}{2})
   radius = 0;
### Radius * 2 * PI = perimeter
$perimeter = $radius * 2 * 3.141592654;
print "Circle Radius: $radius\nPerimeter:
```

これから、負の数の結果はゼーロです。

```
ソースコード:
#! /usr/bin/perl
print "To calculate product for two numbers,
please enter the numbers:\n";
#Waiting for the first number
print "First Number: ";
chomp ($num1 = <STDIN>);
#Waiting for the second number
print "Second Number: ";
chomp ($num2 = <STDIN>);
#Causing:
#There is no numeric checking. Either scalar
var is untranslatble string will cause a W
print "$num1 * $num2 = " . ($num1 * $num2) .
```

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                   Chapter2 — bash — 64×17
onev:Chapter2 onevcat$ ./ex2-4.pl
To calculate product for two numbers, please enter the numbers:
First Number: 9
Second Number: 5
9 * 5 = 45
onev:Chapter2 onevcat$ ./ex2-4.pl
To calculate product for two numbers, please enter the numbers:
First Number: -3
Second Number: 8
-3 * 8 = -24
onev:Chapter2 onevcat$ ./ex2-4.pl
To calculate product for two numbers, please enter the numbers:
First Number: 65
Second Number: 0
65 * 0 = 0
onev:Chapter2 onevcat$
```

```
9*5 = 45
-3*8 = -24
65*0 = 0
```

```
ソースコード:
#! /usr/bin/perl
print "To paste the string for some number
times, please enter the string(first) and the
number(later):\n";
#Waiting for the string. No chomp because
we want multiple lines output
print "String: ";
$stringToRepeat = <STDIN>;
#Waiting for the number
print "Number: ";
chomp ($repeatNumber = <STDIN>);
#Causing:
#There is no numeric and string checking. If
result
print "Result is: \n" . $stringToRepeat x
$repeatNumber;
```