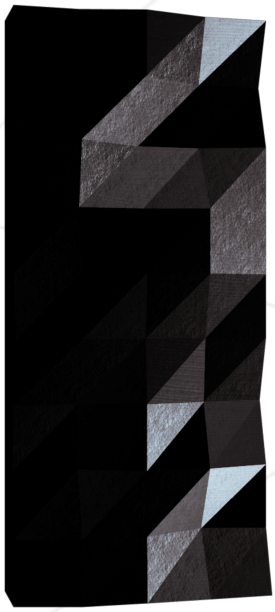

Road to Yahoo

Technical Test

Summary: This document is the subject for the Technical test of the Road to Yahoo @ 42 Tokyo.

Contents

Chapter I

Instructions

- Only this page will serve as reference; do not trust rumors.
- Watch out! This document could potentially change up to an hour before submission.
- These exercises are carefully laid out by order of difficulty - from easiest to hardest. We `will not` take into account a successfully completed harder exercise if an easier one is not perfectly functional.
- Make sure you have the appropriate permissions on your files and directories.
- You have to follow the submission procedures for every exercise.
- Your exercises will be checked and graded by your fellow classmates.
- You cannot leave any additional file in your directory than those specified in the subject.
- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.
- Your reference guide is called `Google / man / the Internet / ...`.
- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...
- Your program should never crash.
- You can implement the program in any language(Go, Python2, Python3, etc...) that are able on Guacamole.42tokyo.jp .

Chapter II

Foreword

```
Fizz Buzz...?
```

Chapter III

Exercise 00 : fizzy_buzzy

	Exercise 00
Create your own command	
Turn-in directory : $ex00/$	
Files to turn in : *	
Allowed packages : *	

Create a command that meets the following specifications.

- commandline tools name should be `fizzy_buzzy`.
- `n` pair of number and string `(a[i], s[i])` will be passed.
- If there is no `a[i]` which can divide `m`, and if `m` is a prime number then it should print `prime`, otherwise print `m`.
- If there is `a[i]` which can divide `m`, print all the combined value `a[i]` in smallest order.
- `n` is an integer. the value will always be between 1 and 4.
- `m` is an integer. the value will always be between 1 and 2000.
- `a[i]` is an integer. the value will always be between 1 and 20.
- `s[i]` is a string only containing uppercase and lowercase letters. `s[i]`'s length will always be between 1 and 19.
- If an input doesn't follow the format above, the program should print `ERROR`. Example

```
\begin{42console}
  ?>./fizzy_buzzy
  3:fizz 5:buzz 1
  1
  ?>./fizzy_buzzy
  3:hoge 5:fuga 3
  hoge
  ?>./fizzy_buzzy
```

```
3:piyo 5:hogera 13
prime
?>./fizzy_buzzy
3:kabe 5:don 15
kabedon
?>./fizzy_buzzy
5:kabe 3:don 15
donkabe
?>./fizzy_buzzy
3:kabe 5:don 8:ban 15
kabedon
?>./fizzy_buzzy
3:kabeeeeeeeeeeeeeeeeeeeeeeeeeeee 5:don 8:ban 15
ERROR
?>./fizzy_buzzy
3: 5:don 15
ERROR
?>./fizzy_buzzy
:kabe 5:don 15
ERROR
?>./fizzy_buzzy
: 5:don 15
ERROR
?>./fizzy_buzzy
3:kabe 5:don
ERROR
```