


ITP20003 Java Programming

Lab 4.Take Control 2

Lab 4

- Teams for Lab 4
- Two more examples
 - GetWeb
 - TagStrip
- Missions 6 and 7
 - work as a team



Team1	김재윤	박혜빈
Team2	양예진	이한빈
Team3	김예균	이혁재
Team4	이지행	김지민
Team5	박수현	전혜원
Team6	이종원	유채우
Team7	황보효정	심충일
Team8	김시온	백주열
Team9	윤석규	Wongani
Team10	김소은	김아론

GetWeb

- Receive a URL and print out the source HTML file of the page
 - the target URL is given as a command-line argument
- c.f., HTML (Hyper-Text Markup Language)
 - the programming language to define the style/structure of a web page
 - consists of elements each of which has a guarding tag and a content text
 - https://www.w3schools.com/html/html_intro.asp

TagStrip

- Improve GetWeb such that it skips all tags and prints out only the texts of the given URL
 - a tag always starts with '<' and ends with the paired '>'

M6. GetWeather

- Complete GetWeather.java which gets the current temperature of a given city from https://web.kma.go.kr/eng/weather/forecast/current_korea.jsp
 - the city name is given as the command-line argument
- Example

```
$ java GetWeather andong
16.0 'C at Fri Sep 28 09:00:00 KST 2018
$ java GetWeather Heunghae
there is no information for Heunghae
$ java GetWeather
Error. invalid number of arguments
$
```

M7. Count Number

- Write a program that receives an integer number between -10^9 and 10^9 , and print out its count in English
 - by completing the main method of CountNumber.java
 - ex.

```
$ java CountNumber 15016
fifteen thousand and sixteen
$ java CountNumber -1006101
minus one million, six thousand one hundred and one
```