Simple Command Line Handling Programs (Classes)

Electronic Submission Only!

Assignment

IMPORTANT!!! : Get JDK 8 installed and working first. You have to use the class names specfied here, you can't make up your own names. Java class names are case sentitive. Note that by defining the class names, we are also defining the file names you will submit.

Class **SumOfArgs**

Create a class named **SumOfArgs** that will print out the sum of all integer arguments found on the command line. It should have a main() method so the class can be run. Anything that is not an integer should be skipped (should not contribute to the sum). It should print out only the sum (nothing else!). No error messages can be printed out (no matter what the command line args look like). Examples of what your class should do when run:

```
> java SumOfArgs
0
> java SumOfArgs 10 9 8
27
> java SumOfArgs hello dave 1 2 3
6
> java SumOfArgs Hello World
0
```

Note: **Integer.parseInt(String s)** parses the string argument containing the int representation as a signed decimal integer.

Class **Book, Course, Student**

Create classes named **Book, Course** and **Student** to perform simple course-selecting system (CSS). **Student** has at least three overloaded constructors with different parameter list. **Student** may select one or more **Course** , and one **Course** also has some members of **Book** .

Examples:

```
> java CSS 16131001 Java
  16131001 select Java with books Thinking in Java, Java 8

> java CSS 16131001 Java WebEngineering
  16131001 select Java with books Thinking in Java, Java 8; and WebEngineering with Web Er
```

Notes: You really need to add more information inside each class to get this working!

How to submit

Submission of your homework is via huaweicloud ClassRoom, the general idea is to upload your files as attachments. For Homework1 you should submit your SumOfArgs.java and CSS.java files (classes Book, Course and Student are all included in CSS.java) with a readme description inside very beginning of block comment.

Anything else you want to tell us should be included in a **readme.txt** file. Make sure your submission includes your full name, student No and Email address in every single source file, we can't record your grade unless we know your name or student No.

Don't submit compiled code (class files)!

Multiple Submissions: You can resubmit for each project, we will always grade the last submission received.