**Problem:**

Unfortunately our database has been inaccessible and our analysts need some urgent data to build reports for our next company meeting. All we have is a file with some relevant data about orders and crazy requirements to prettify its contents. In simpler terms: convert the input file to the desired output.

**Requirements:**

1. Please use one of the scripting languages that can be executed on Unix environment: Python, Perl, Ruby etc.

2. Input file contains order data. Each order can contain up to 4 items. Input file has 1 line per order.

Example of input data:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Order\_id:date | User\_id | Item\_price\_1 | Item\_price\_2 | Item\_price\_3 | Item\_price\_4 | Start\_page\_url |
| 54374:20150501 | 123 | 10 | 20 | 0 | 0 | http://www.yahoo.com/ |

Example of output data:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Order\_id | Order\_date | User\_id | Avg\_Item\_price | Start\_page\_url | Error\_msg |
| 54374 | 2015-05-01 | 123 | 15 |  | Invalid URL |

3. Output file should contain same number of rows as input file.

4. If your program is unable to parse certain columns or rows from the input file, appropriate error message should appear in the output file.

5. Only valid URLs should appear in the output file. URL is considered valid if it starts with “http://www.insacart.com”

6. A readme file with instructions on how to run your script