**Help JAVA and PYTHON with a bridge!!!**

JAVA and PYTHON, are two good friends. But they are separated by a long distance. One day, JAVA going through his errands of the day, he finds that he has some missing important information from his work that he would help him complete his errand, on a high priority basis. JAVA, in panic, calls up PYTHON for help:

JAVA: “Hello there.”

PYTHON: “Hi JAVA, Wassup!!!”

JAVA: I need your help.

PYTHON: “Always glad to. Tell Me!!”

JAVA: I have some missing information, from my system. Without these I will not be able to complete my errands for the day. I don’t know how I lost them. But I need them as soon as possible.

PYTHON: “Ok, let me check.”

(PYHTON checking for the missing errands)

PYHTON: Hey I do have the info required for your errands.

JAVA: Oh Great!!

PYTHON: But…

JAVA: What is the but?

PYTHON: I don’t know how can I give it to you?

**Problem Statement**

Help JAVA and PYTHON, create a bridge between them, so that they can access each other’s errands, and pass information to each other!!(A 2- way communication).

**Input:**

* Call the python function with authorised parameters, so that PYTHON realises, that the request is from a trusted resource.

Eg: call\_python\_funtion(token) {

}

* Call a JAVA function from python, with authorised parameters, so that JAVA understand this request is from a trusted resource.

Eg: call\_java\_function(token){

}

**Output:**

Create the response in such a way that it returns:

1. Time taken
2. Value.

Constraints:

1. Every time a request is being made from of JAVA to PYTHON, a token should be generated
2. Token should expire once the Java gets a response.
3. A token can be a secret key (encrypted key) which both Java and Python recognises.

Note: Java or Python functions, I could be even a simple arithmetic operation of 2 variables or it can also be a complex one.