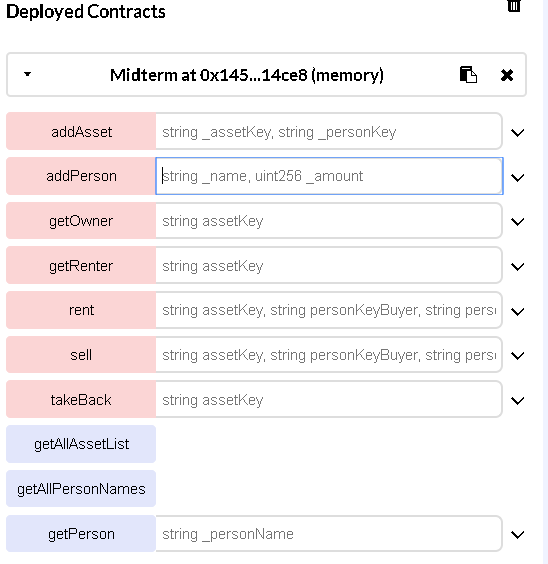
# Introduction to Interface



# Adding a person

****

****

# Creating an Asset

****

****

****

# Selling the asset

****

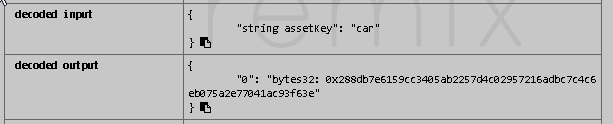
****

****

# Checking the owner

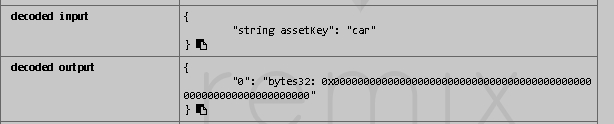
****

**It’s a hash value of Person’s key + Asset key**

****

# Getting renter value

****

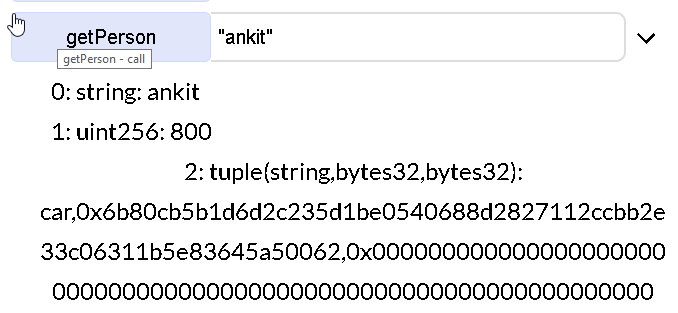
****

The output is 0, it means it has not been rented. It is in possession of the owner



# Verifing Person

**Using getPerson function**

****

**Notice the change in nai value with Ankit => it is 500 + 300 (asset selling price)**

****

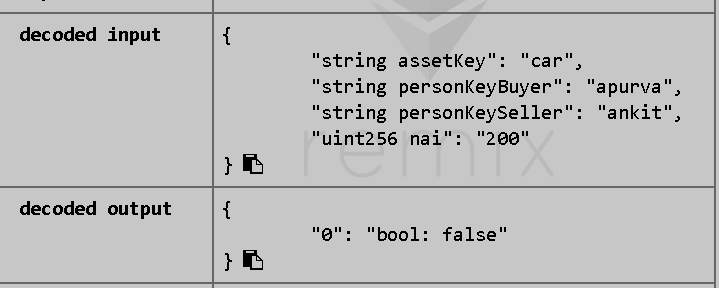
# Selling: fail case

**Let’s try reselling the asset**

****

**Notice the change in selling price**

This is to test, because **Apurva has only 200 Nai left** in her account

****

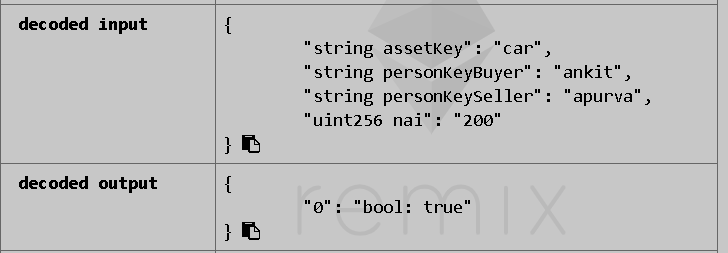
The output is still false because Ankit is not the owner of the asset.

A hash check function is involved here which denies the transaction

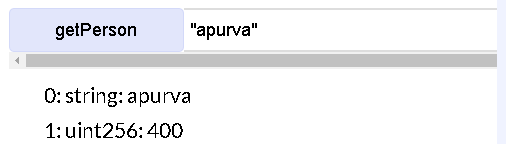
The asset was already sold to Apurva.

Let’s try swapping the buyer and the seller



****

**Now it is a success. Notice the change in Nai amount below. Apurva has 400 Nais**

****

# Renting an asset

**Lets see the Renting or allow-use use case**

****

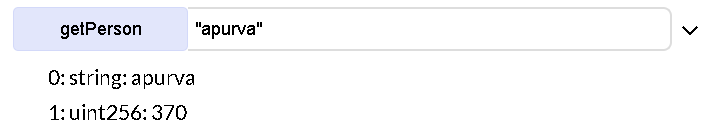
**Ankit was able to rent the car because he is the owner**

****

****

**Now get renter does not return 0**

**Instead it returns a hash value of Apurva’s key. Because she has borrowed the asset from the owner.**

****

**Notice the Nai change in Apurva’s account**

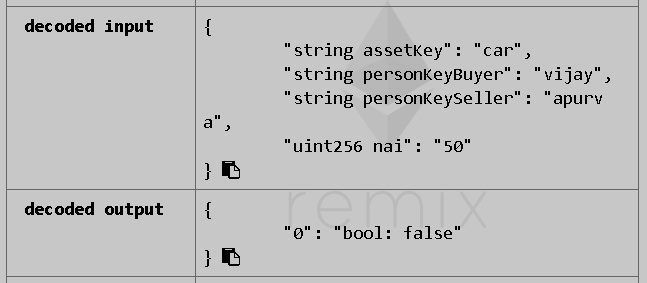
# Renting: fail case

**Let’s try a case where Apurva is renting the asset further to Vijay**

****

**Notice below the output**

**It returns false, because Apurva does not owns the asset**

****