Name: Phan Trần Thanh Huy

ID: ITCSIU22056

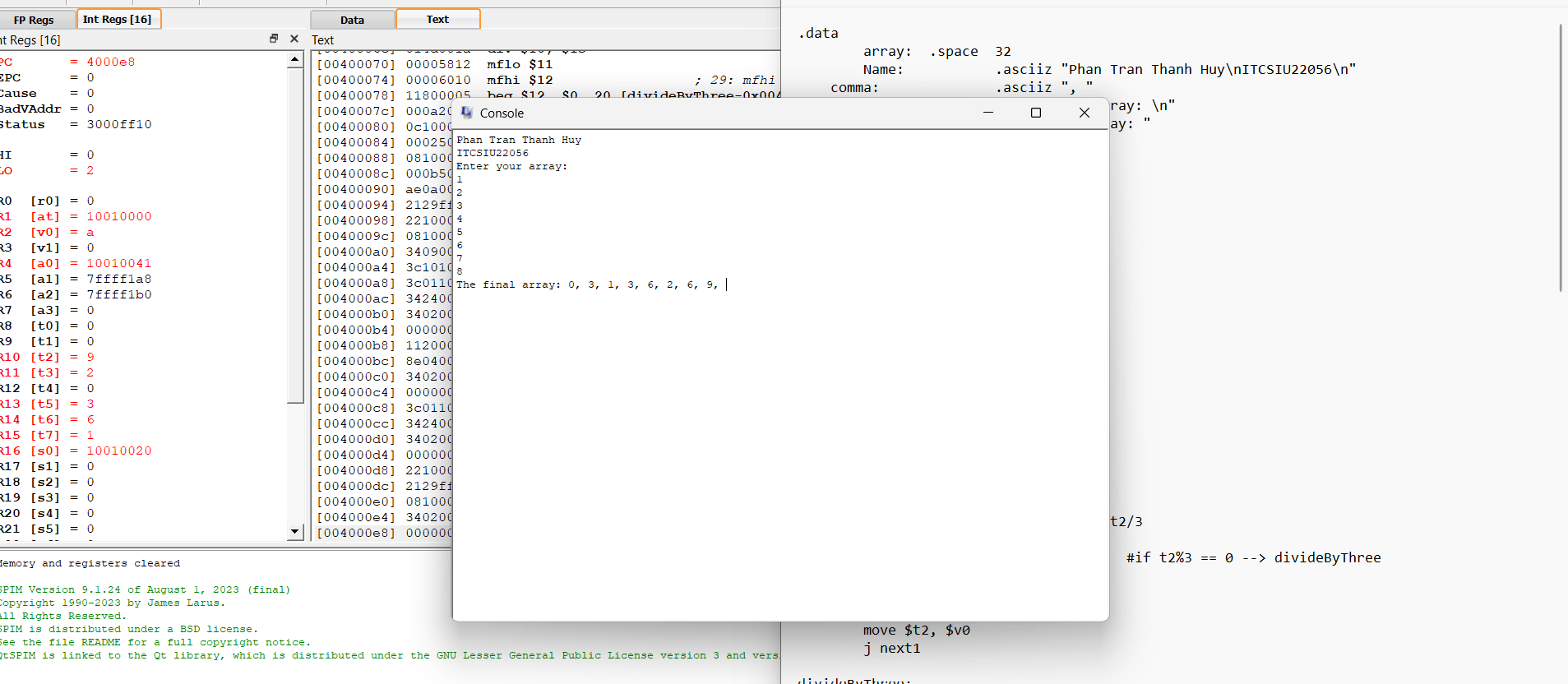
**Lab 10**

**Exercise 1:**

**Code:**

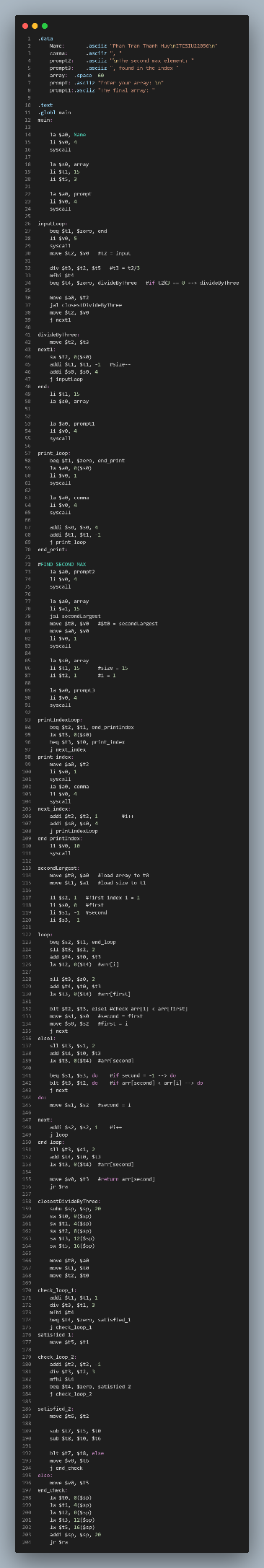


**Test case:**

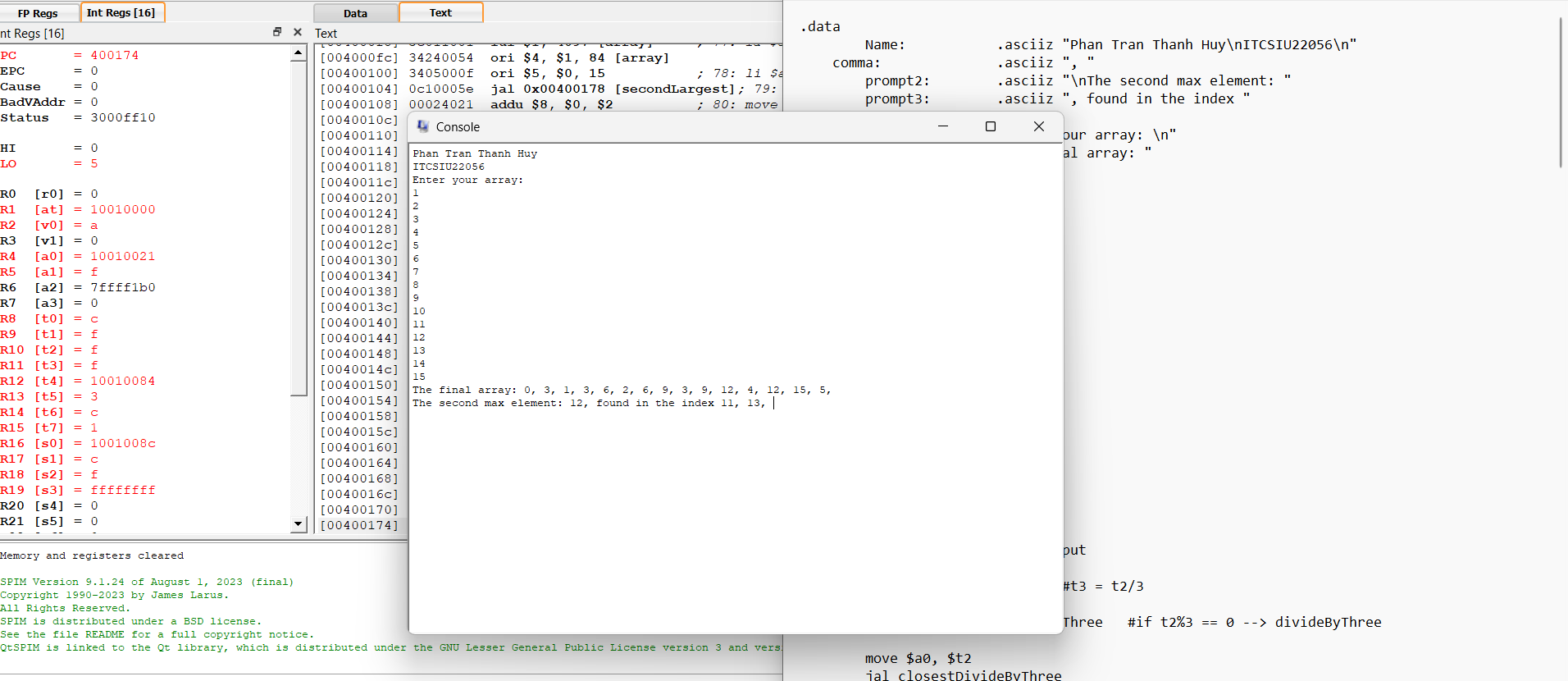


**Exercise 2:**

**Code:**

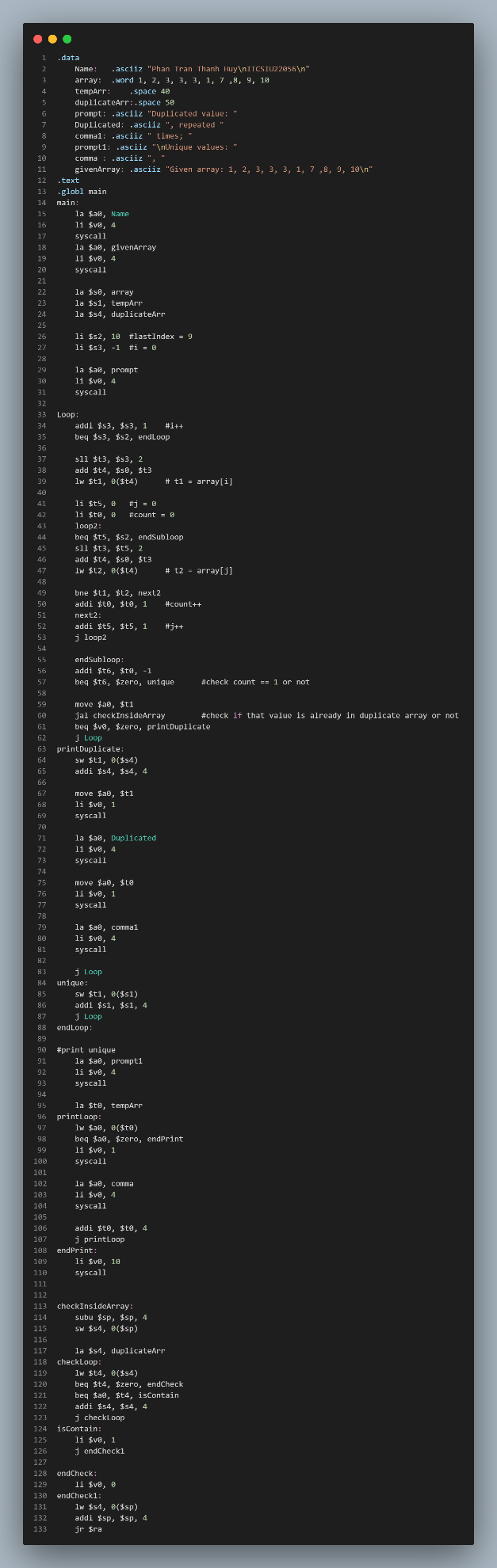


**Test case:**

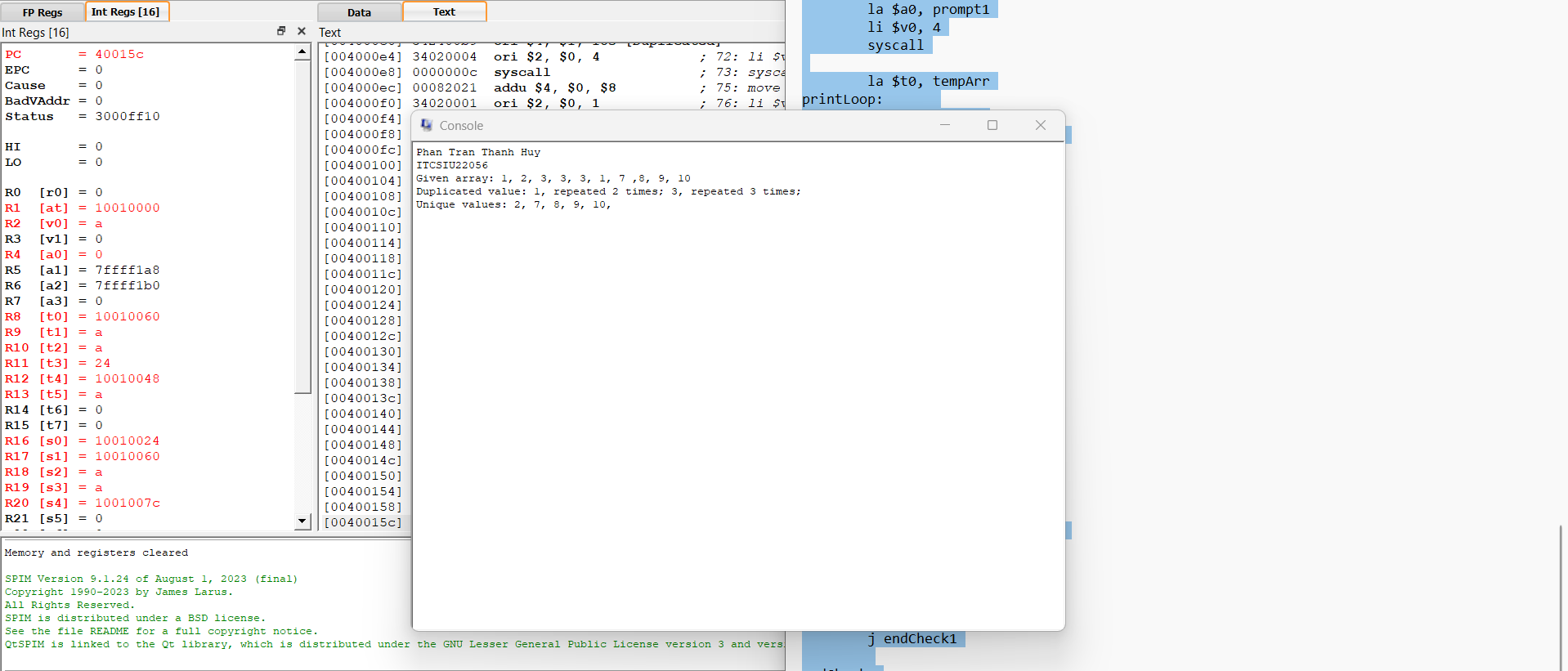


**Exercise 3:**

**Code:**

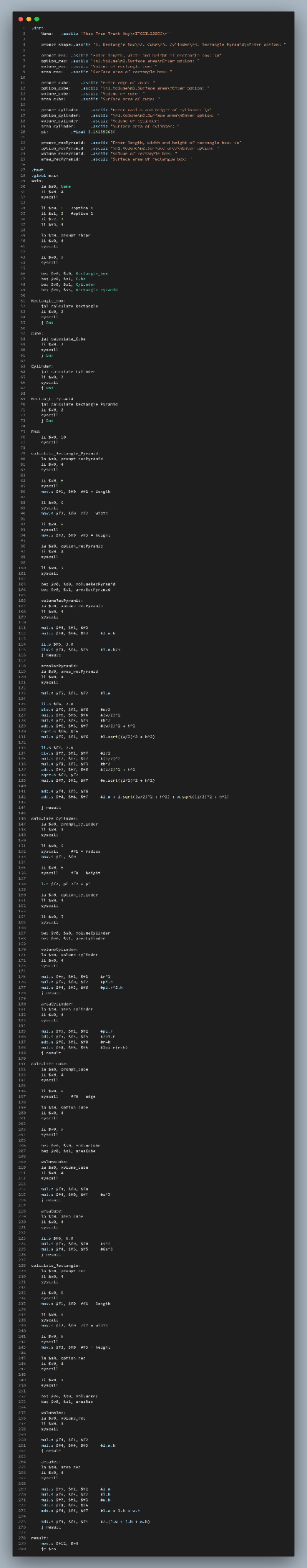
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**Test case:**

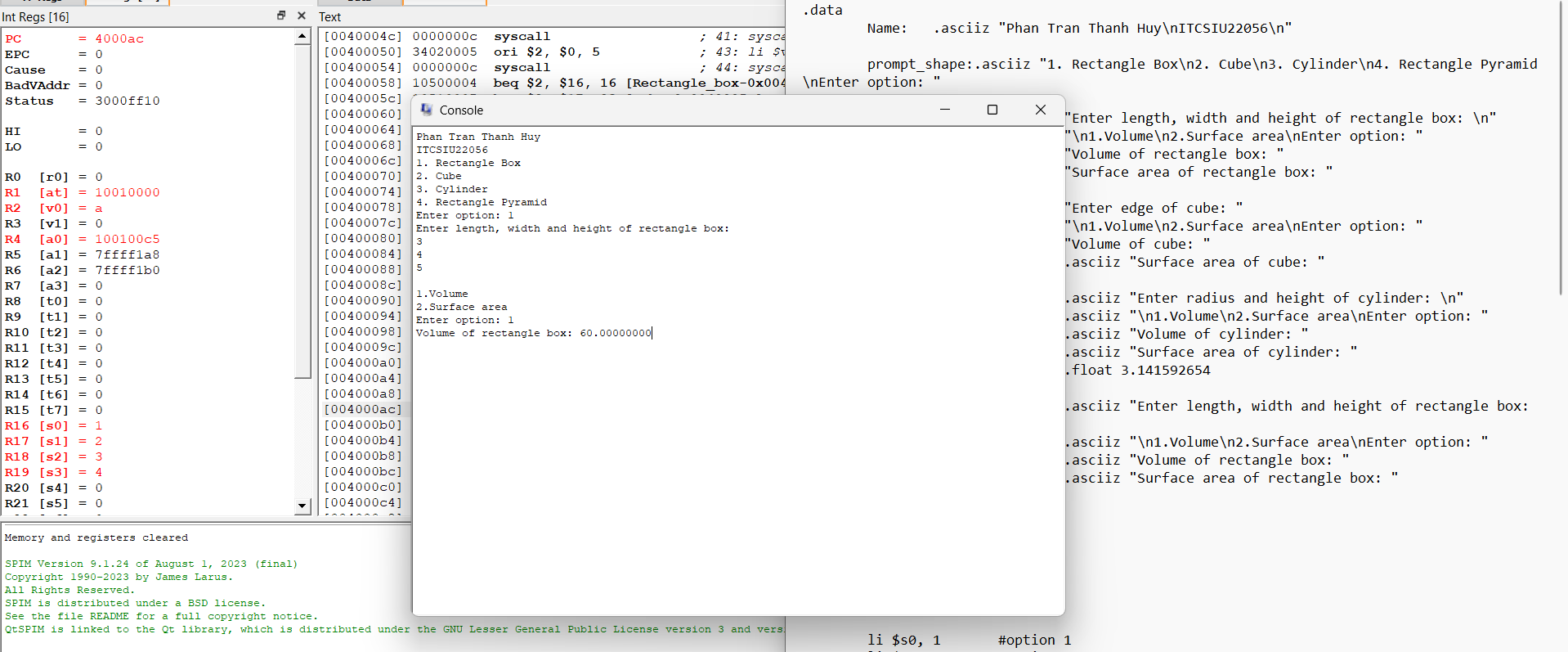


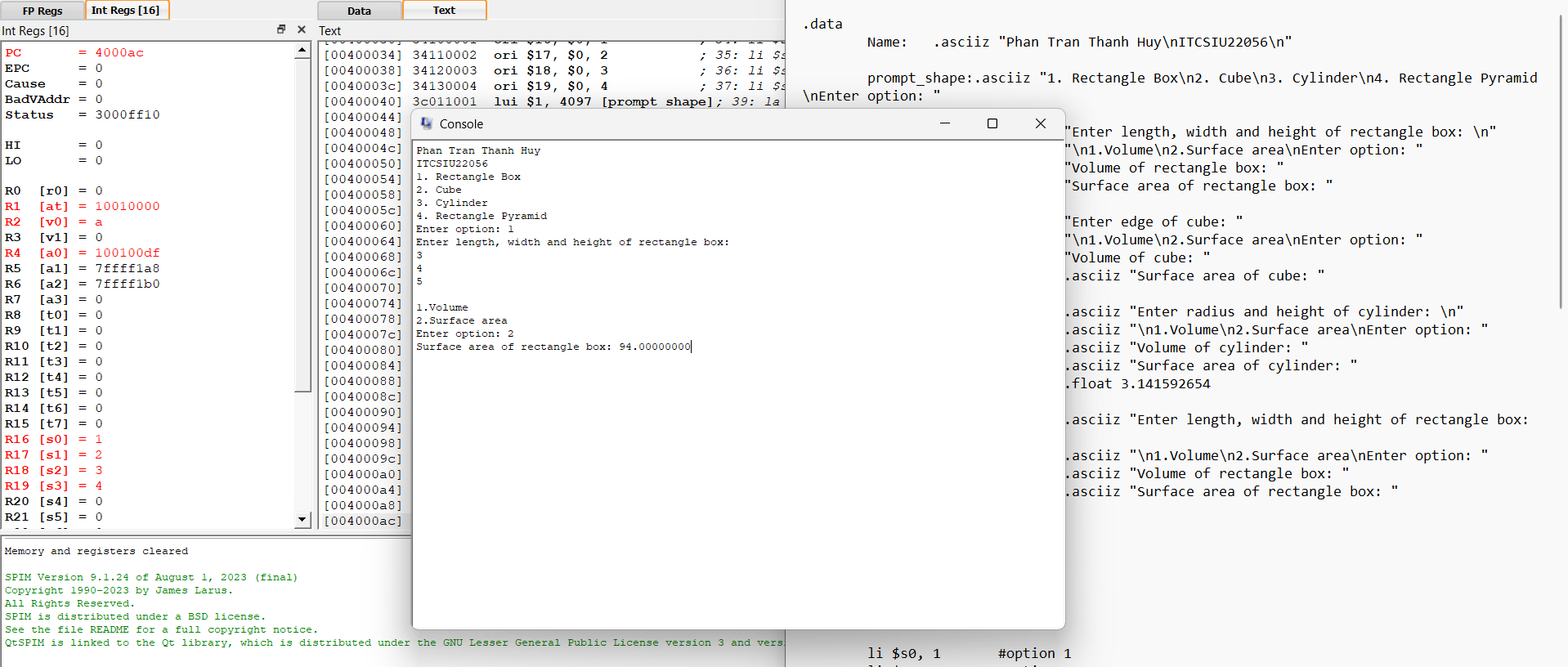
**Exercise 4:**

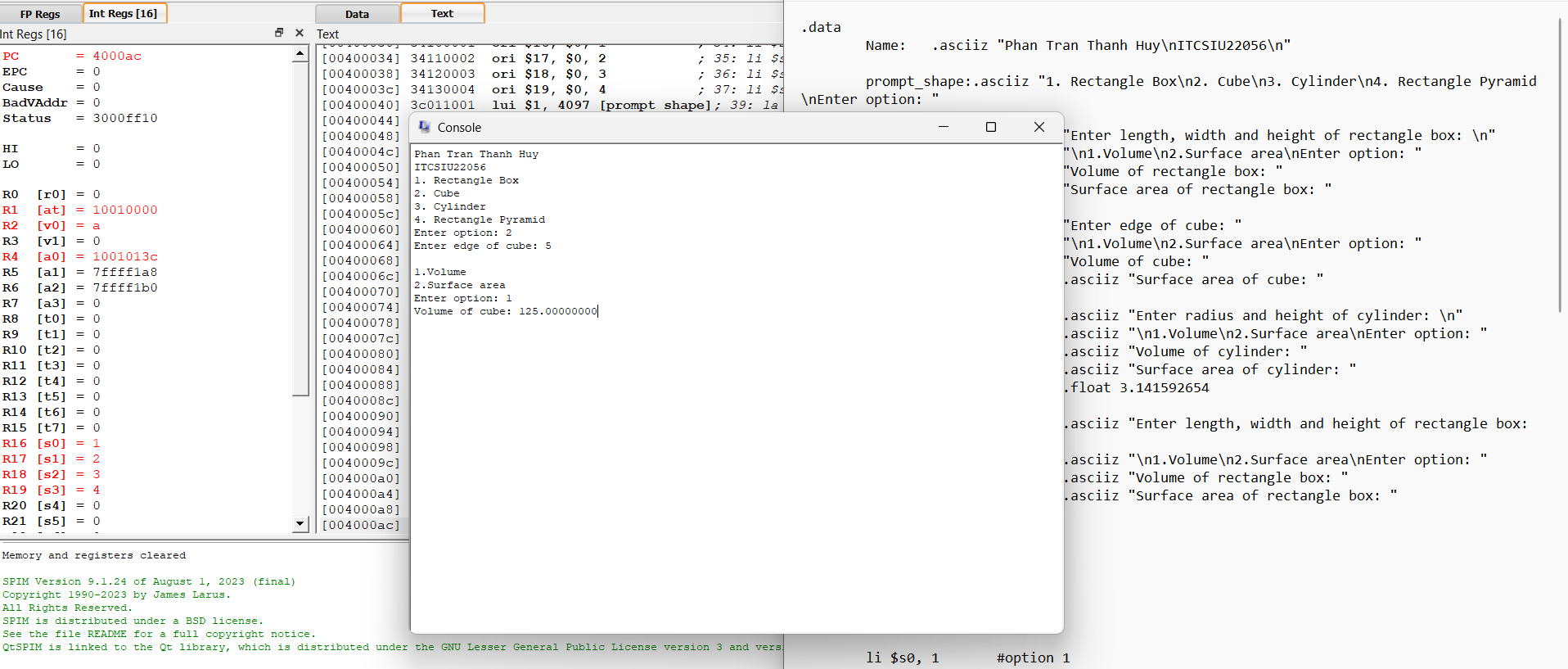
**Code:**

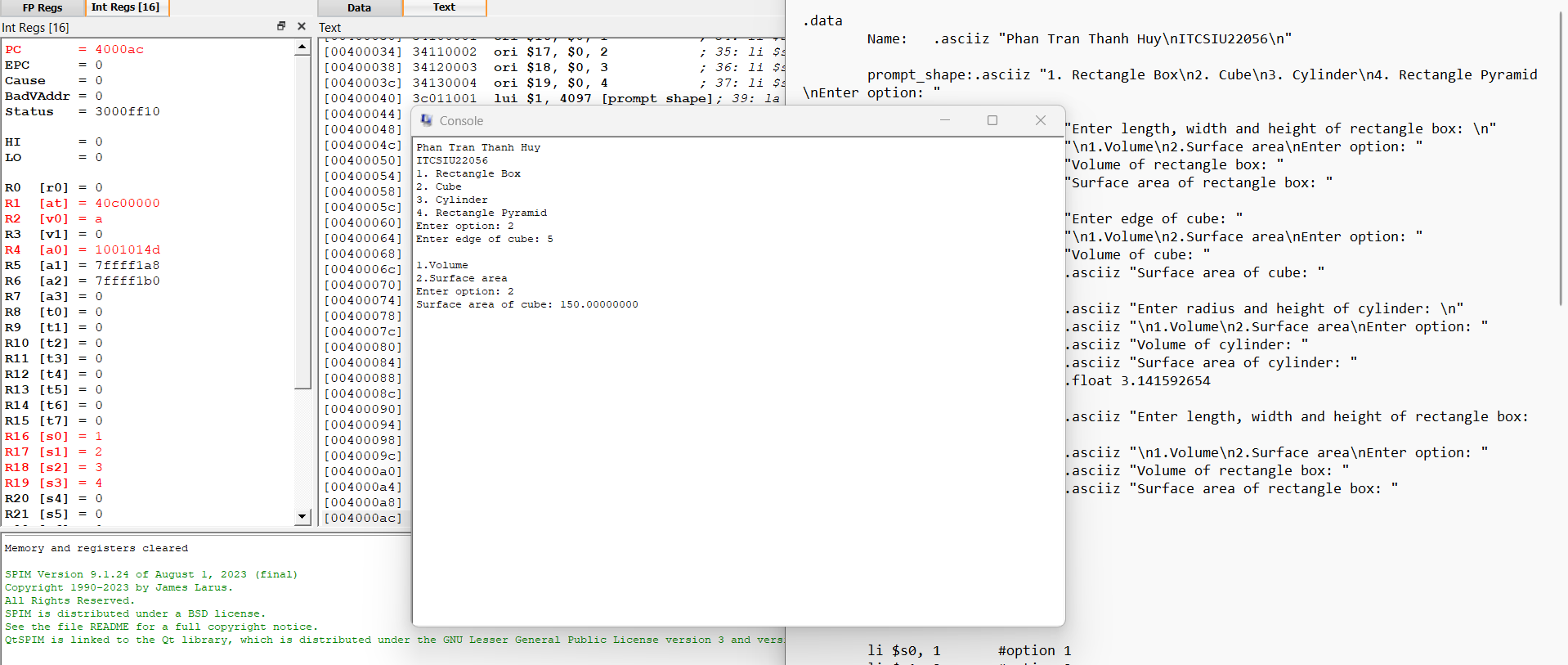
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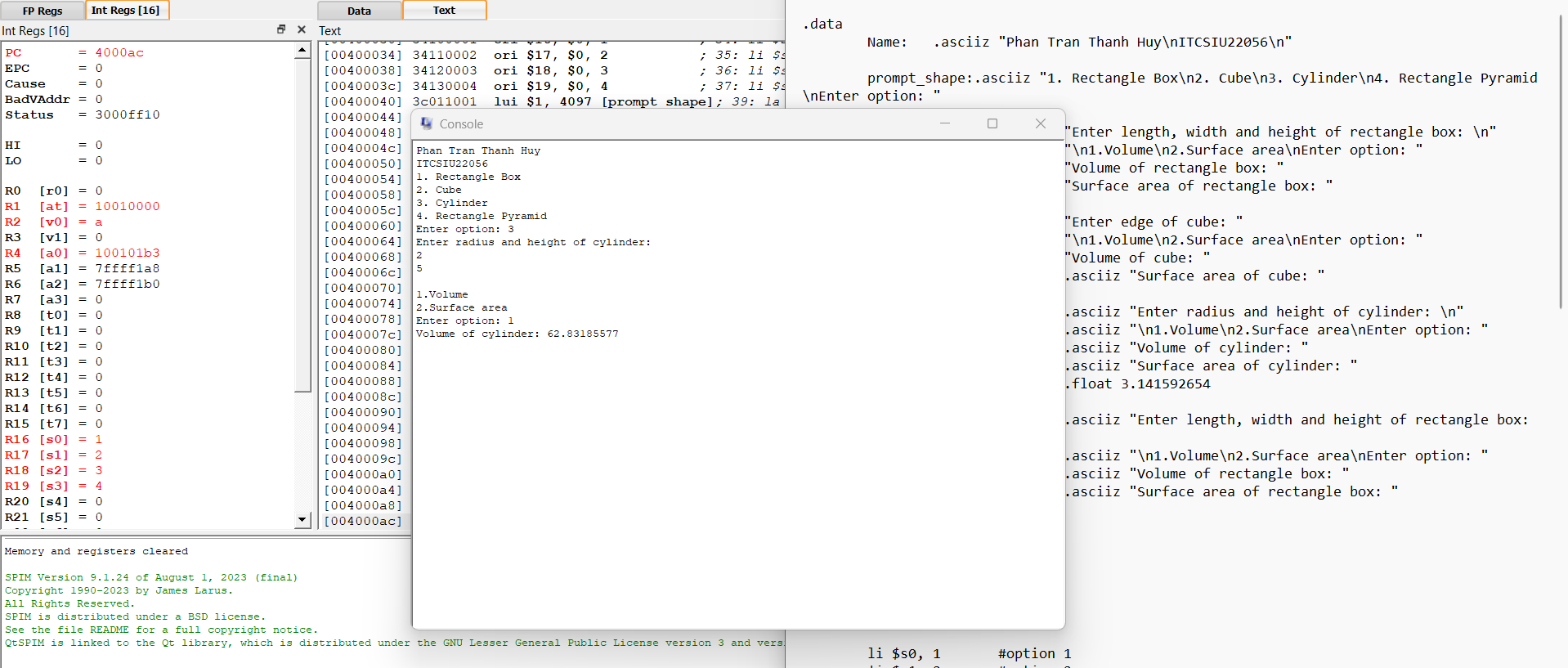
**Test case:**

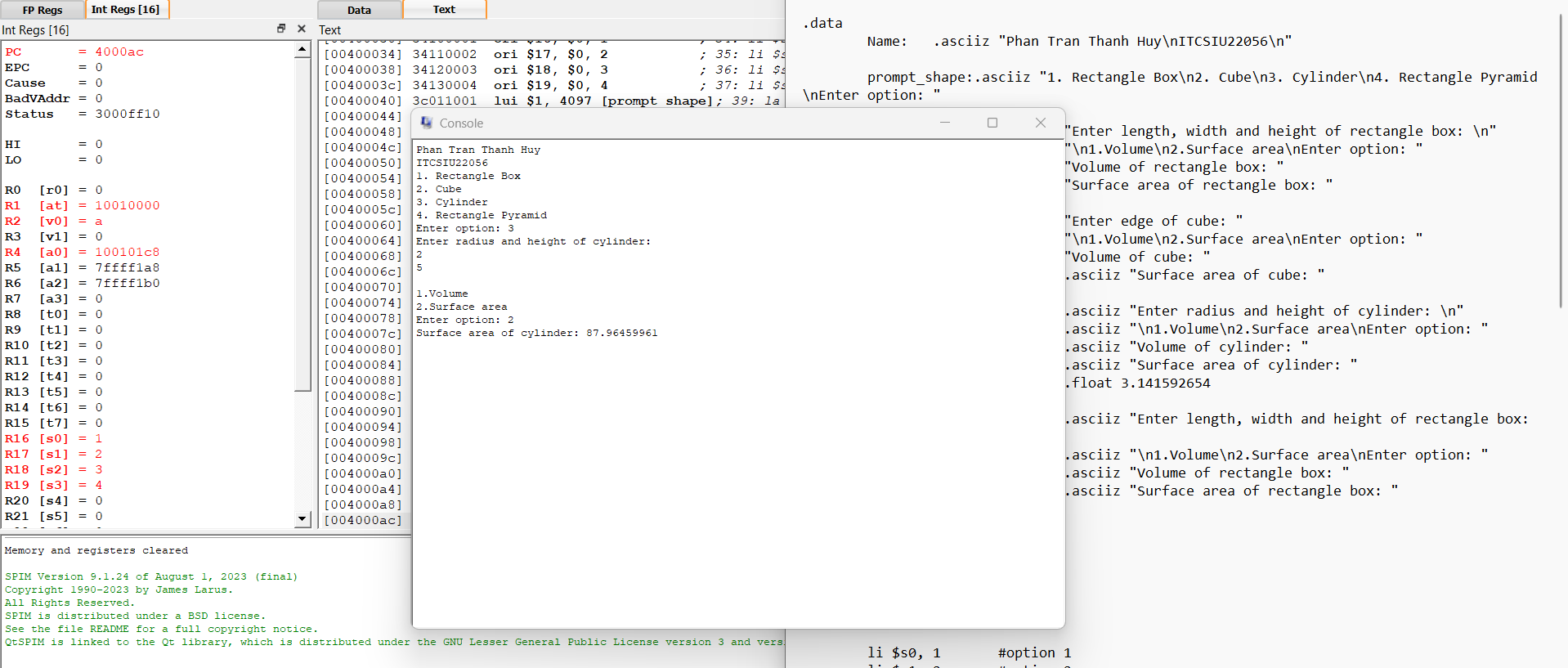


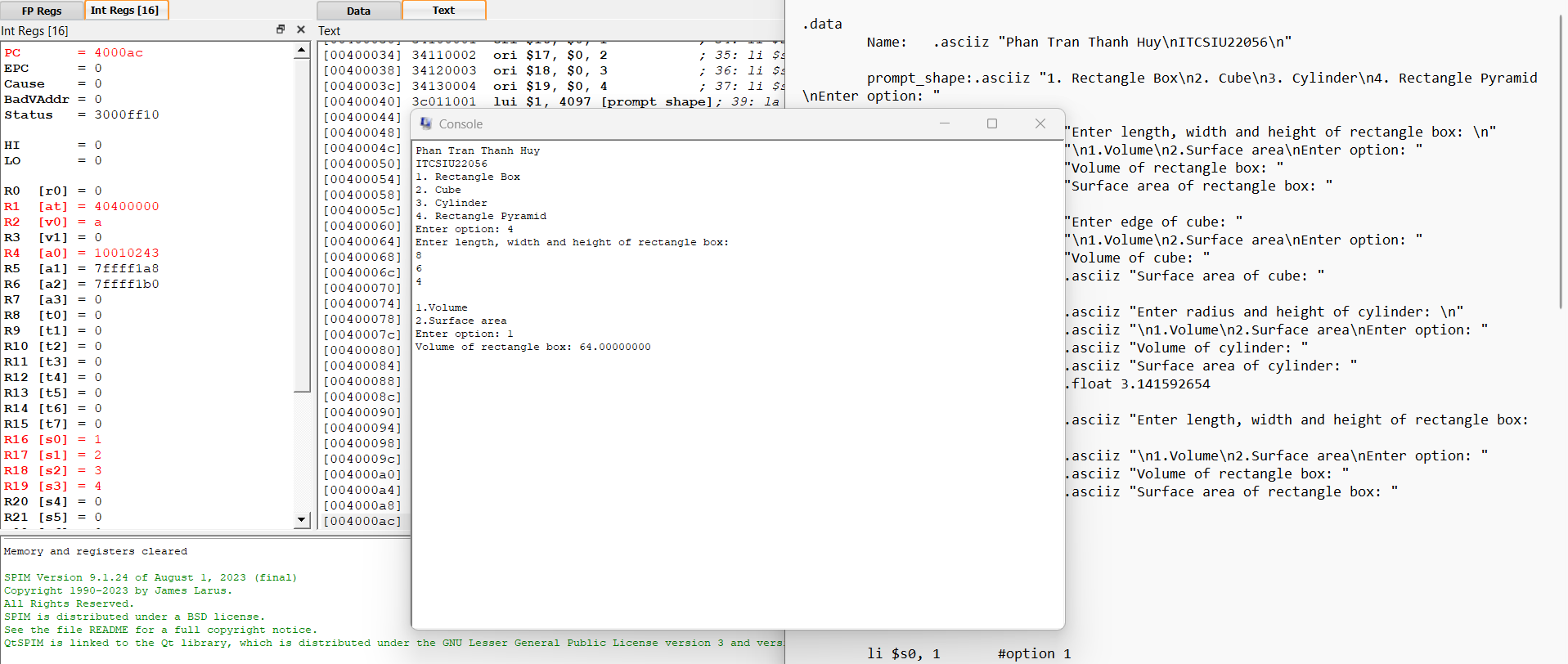


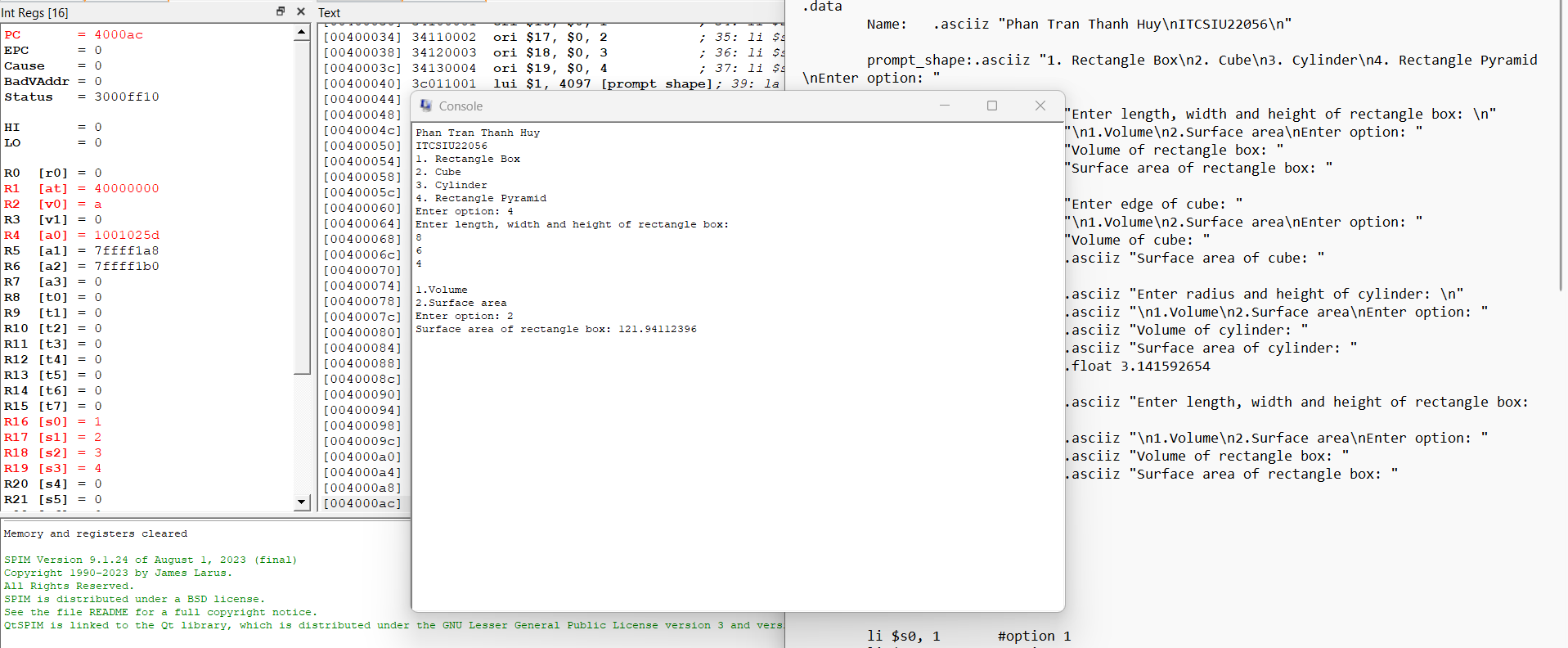






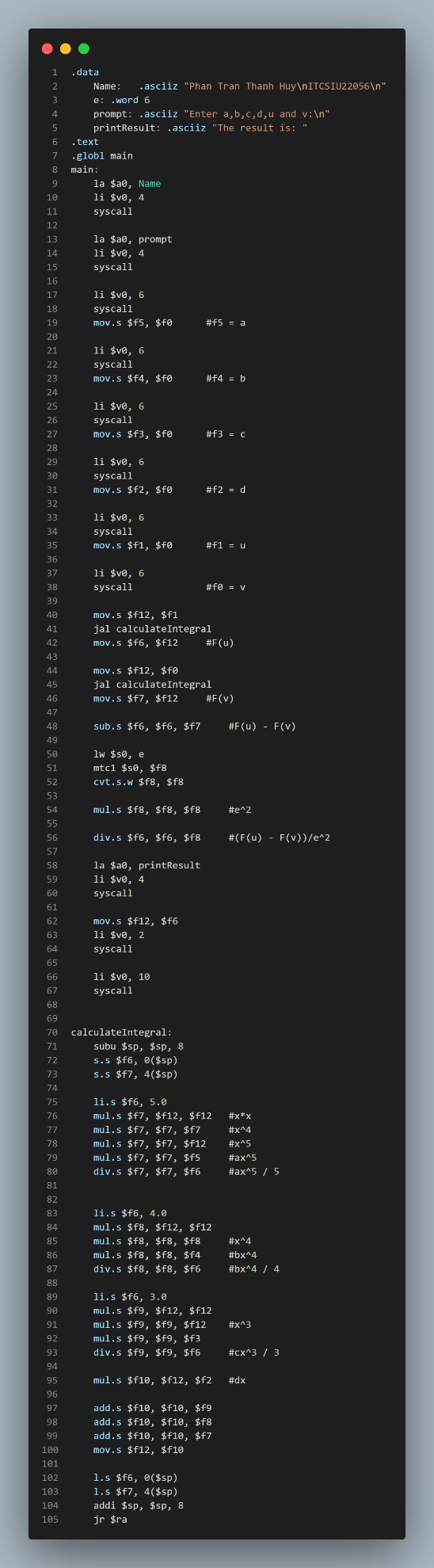




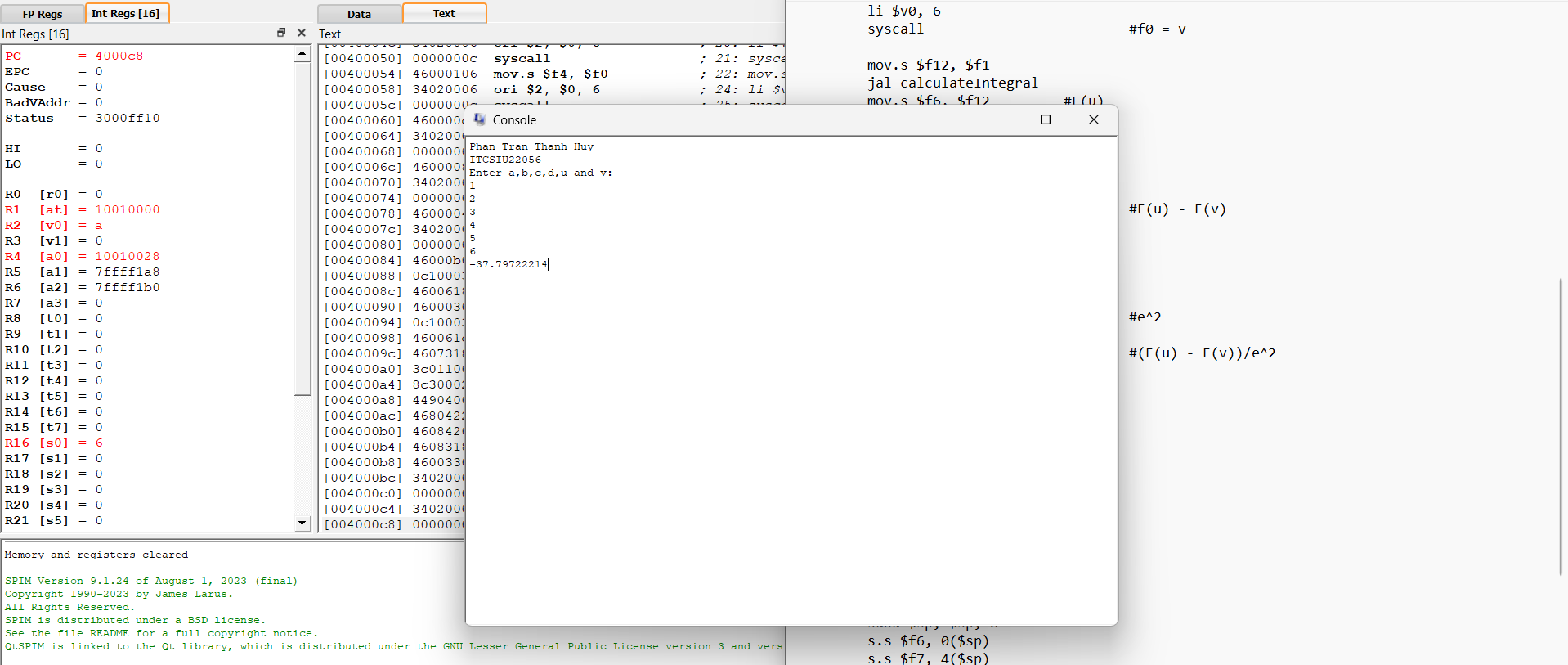


**Exercise 5:**

**Code:**

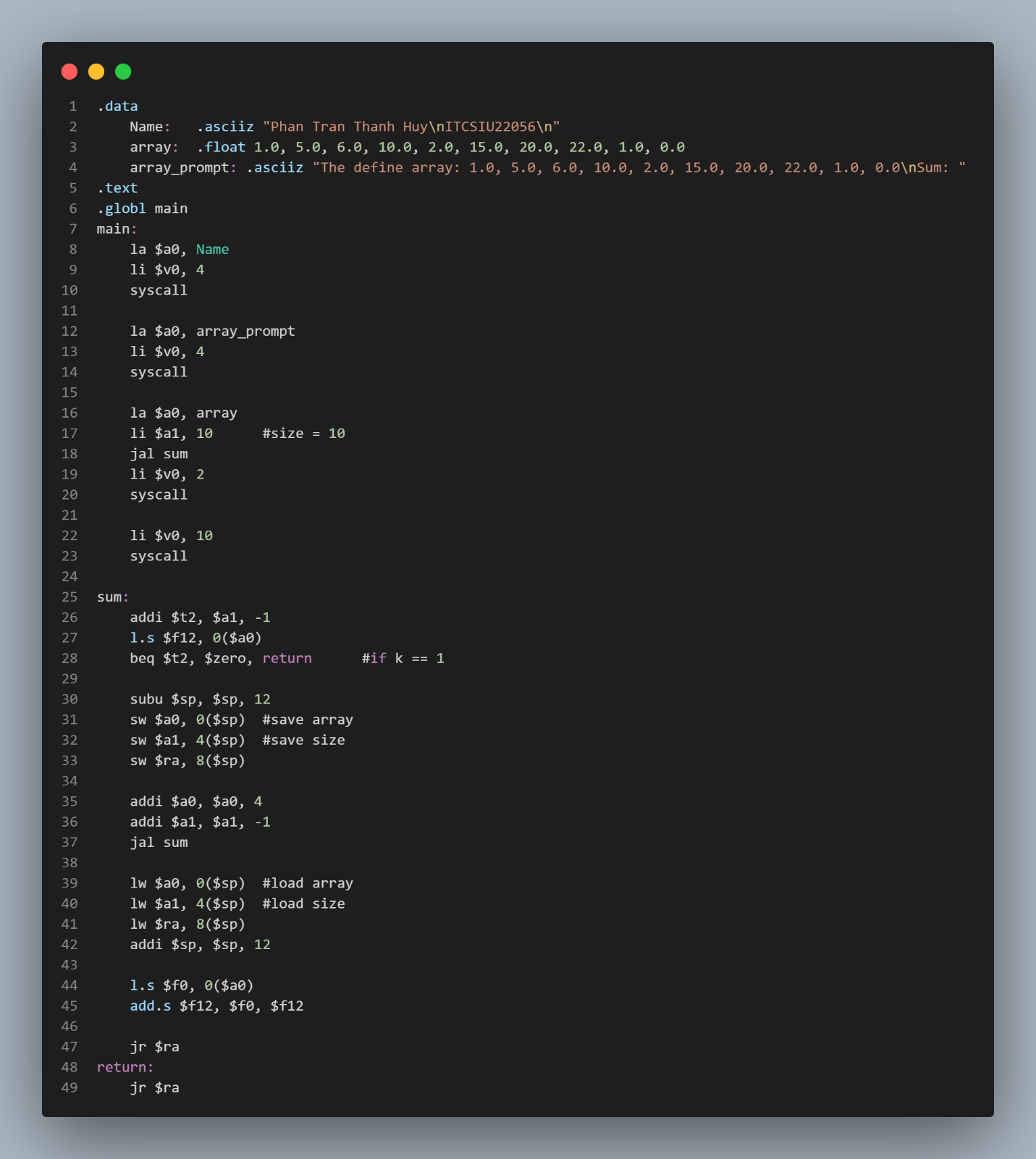
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**Test case:**

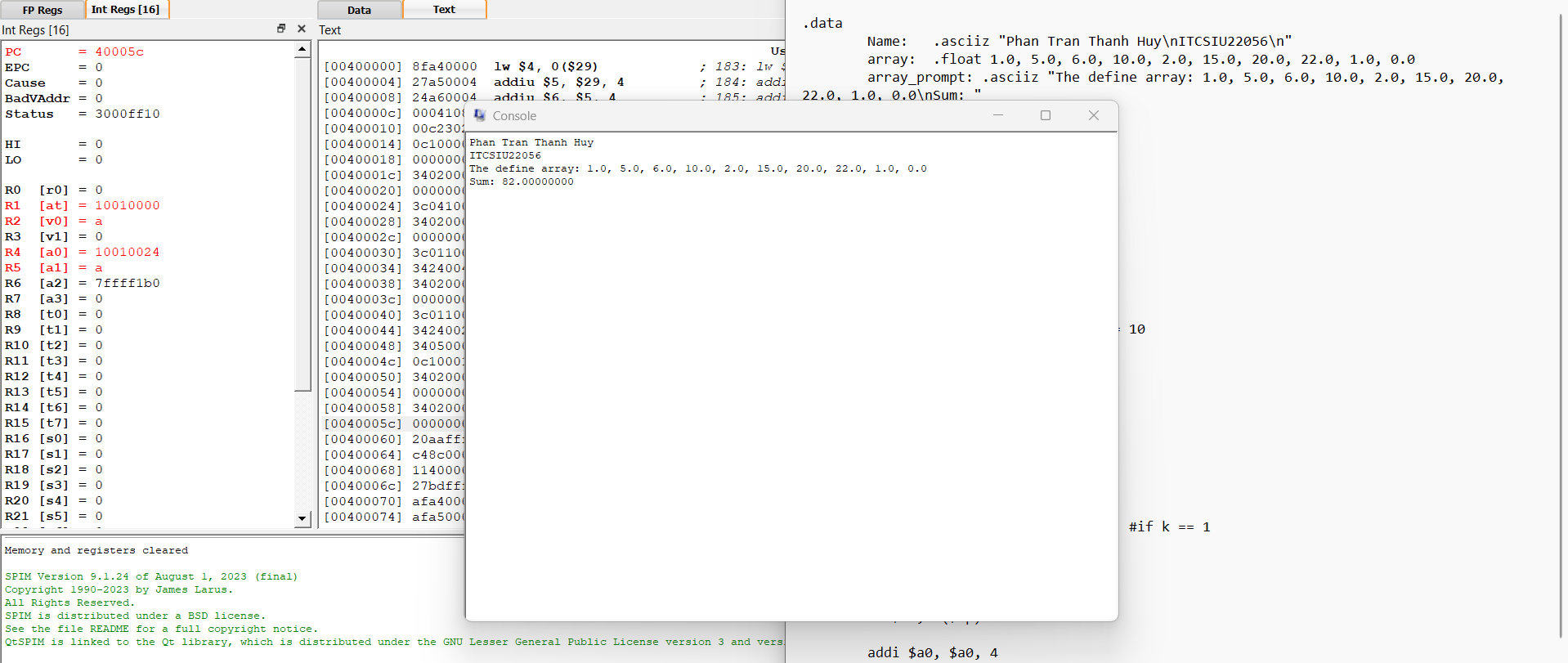


**Exercise 6:**

**Code:**

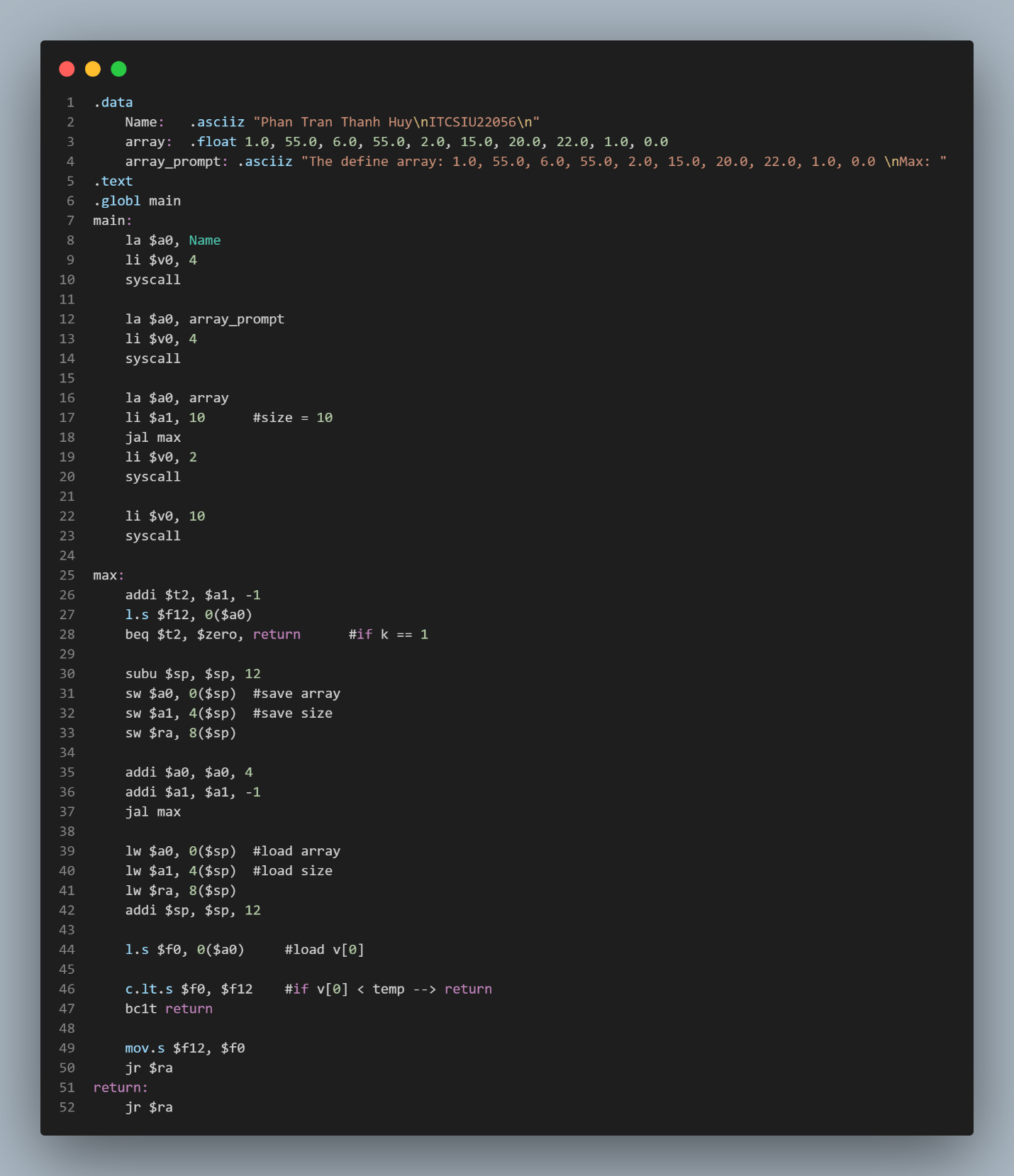
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**Test case:**



**Exercise 7:**

**Code:**

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**Test case:**

