

Module: getItemCost()

Access Programs: none

Implementation:

Uses: inputFileName.txt

Variables

Input:

code: STRING

Represents the ID code of the object being searched for

Output:

cost: LONG

Represents the cost of the object being searched for.

State:

code2

Represents the code of an object in the data file, used to compare with the input code.

Constants: inputFileName: CHAR[]

Represents the name of the text file used by this module.

Pseudo code:

```
FOR (each object in data file) DO
    read the object
    IF (code == code2)
        RETURN object.cost
RETURN DNE
```

Function table:

		cost
code == code2		object.cost
code != code2	object.code2 is last object	DNE
	object.code2 is not last object	NO CHANGE

Test Report:

TEST CASE (object.code, object.cost)	code IN	cost OUT	Result
item1, 3020 item2, 9999 item3, 0001 item4, 8763	item1	3020	pass
	item2	9999	pass
	item5	DNE	pass