**PROBLEM DESCRIPTION:**

You are appointed in a product selling company.your task is to enter the N no.of.products that you’ll going to enter with following fields using db connection.

* + - * Brand
      * Category
      * Prize

Then you have to categorize the products according to specific prize amount. So you need to separate out the available product details which are compatible with the entry of specific prize amount for easy categorization. Built a programmic solution for your task given by your company. (Consider any product by your own ) (By using two functions)

**INPUT DESCRIPTION:**

* ‘N’ and range amount value must be in integer type.
* Input value for Brand and Category must be in ‘string’type and prize must be in ‘integer’ type.

**OUTPUT DESCRIPTION:**

* print the fields names for get input entry loopingly according to N value.
* print available products details suitable with the specified amount in list type.

**SAMPLE INPUT:**

3

Sony

24inches

18000

LG

48inches

50000

Intex

32inches

13000

30000

**SAMPLE OUTPUT:**

TELEVISION

Enter ‘N’value:

Brand:

Category:

Prize:

Brand:

Category:

Prize:

Brand:

Category:

Prize:

Enter amount:

(‘Sony’,’24inches’,18000)

(‘Intex’,’32inches’,13000)

**TEST CASES:**

*TEST CASE 1:*

Enter ‘N’value:1

Brand:hitachi

Category:40inches

Prize:29000

Enter amount: 29000(it gives all the available product detail from DB)

(‘Sony’,’24inches’,18000)

(‘Intex’,’32inches’,13000)

(‘hitachi’,’40inches’,29000)

(the product including the specified amount also be displayed not only less amount)

*TEST CASE2:*

Enter ‘N’value:2

Brand:hitachi

Category:20inches

Prize:15000

Brand:onida

Category:50inches

Prize:65000

Enter amount: 5000

(if the specified amount is less than all available products ,just need to terminate the execution)

*TEST CASE3:*

Enter ‘N’value:0

Enter amount:25000

(‘Sony’,’24inches’,18000)

(‘Intex’,’32inches’,13000)

(if no new entries,you need to specify with ‘0’then that directly move to next process)

*TEST CASE4:*

Enter ‘N’value:0

Enter amount:0

(if the specified amount is ‘0’ ,just need to terminate the execution)

*TEST CASE5:*

Enter ‘N’value:

VALUE ERROR

(No new entries just specify with ‘0’if you refuse to enter any integer value causes error)

*TEST CASE6:*

Enter ‘N’value:0

Enter amount:

VALUE ERROR

(if you refuse to enter any prize value causes error)

*TEST CASE7:*

Enter ‘N’value:three

VALUE ERROR

(if you enter ‘N’value with string or other datatype instead of using integer type causes error)

*TEST CASE8:*

Enter ‘N’value:0

Enter amount:fourty thousand

VALUE ERROR

(if you enter amount value with string or other datatype instead of using integer type causes error)

*TEST CASE 9:*

Enter ‘N’value:1

Brand:samsung

Category:40inches

Prize:fiftyeight thousand

1366 (HY000): Incorrect integer value: 'fiftyeight thousand' for column 'amt' at row 1

(if enter other datatype instead of integer type causes above error in database so such details never be stored in database)

*TEST CASE10:*

Enter ‘N’value:2

Brand:samsung

Category:32inches

Prize:20000

Brand:samsung

Category:20inches

Prize:twelvethousand

1366 (HY000): Incorrect integer value: 'tenthousand' for column 'amt' at row 1

Enter amount: 30000

(‘Sony’,’24inches’,18000)

(‘Intex’,’32inches’,13000)

(‘hitachi’,’40inches’,29000)

(‘samsung’,’32inches’,20000)

(In this case (‘samsung’,’32inches’,20000) is stored but(‘samsung’,’20inches’,twelvethousand)

Not stored in DB)