Task 1

Write a **treeHouse** class to get the desired output as shown below.

1. Create a treeHouse class and a class variable called number initialized with 0.
2. A tree house will have a name and position as well. Name consists of "T"+Position of the tree house.
3. Create a constructor that takes height and weight. When weight is not given it is 1500 by default.
4. Write a **details()** method to represent all the details of a treehouse.
5. Write two *class method* **houses() and build_and_show().** The houses() method shows the overall weight and numbers of tree houses. build_and_show() method creates an object, shows its details and returns the object.

#Write your code here for subtasks 1-6.

```
t1 = treeHouse(10, 200)
print("----------------------")
t1.details()
print("----------------------")
t2 = treeHouse.build_and_show("13:300")
print("----------------------")
treeHouse.houses()
print("----------------------")
t3 = treeHouse(30)
t3.details()
print("----------------------")
print(t2.position)
print("----------------------")
t2.details()
```

OUTPUT

```
You have a tree house now!
----------------------
Tree house at position: 1
Name: T1
Height: 10
Weight: 200
----------------------
You have a tree house now!
Tree house at position: 2
Name: T2
Height: 13
Weight: 300
----------------------
Total Tree houses: 2
Current total weight: 500
----------------------
You have a tree house now!
Tree house at position: 3
Name: T3
Height: 30
Weight: 1500
----------------------
2
----------------------
Tree house at position: 2
Name: T2
Height: 13
Weight: 300
```