

Forum:[Hack Forums](#)

Thread: [Creating linked list without using the imported class](#)

Juice. - March 10, 2020, 7:02 pm

I am trying to do an assignment in my Java class. I currently have it working, but I am using a linked list and it's methods in Java. To learn better, our professor wants us to make our own linked list and methods with it. It is for a calculator that uses a stack. I will post part of the code that shows it working using the predefined linked list, but I don't know how to make it myself and was going to see if I could get some help.

Code `LinkedList<Constant> constantlist=new LinkedList<Constant>();` //can't use this

```
else if ((s.substring(0,2).equals(":=")) && (s.length() > 2)) {
    char c = s.charAt(2);
    if ((c>='a') && (c<='z') || (c>='A') && (c<='Z'))
    {
        s=s.substring(2);
        for (int i=0; i< s.length(); i++)
        {
            if(!Character.isJavaIdentifierPart(s.charAt(i))) {
                System.out.println("Error: invalid identifier.");
                System.exit(1);
            }
        }
        if (constantlist != null)
        {
            for (int i = 0; i < constantlist.size(); i++) {
                if (s.equals(constantlist.get(i).name)==true)
                {
                    System.out.println("ERROR: name already defined.");
                    System.exit(1);
                }
            }
            constantlist.add(new Constant(s, stack.peek() , true));
            System.out.println("Added constant " + s + " with value " + stack.peek());
        }
    }
}
else {
    for (int i = 0; i < constantlist.size(); i++) {
        if (s.equals(constantlist.get(i).name)==true) // check if exists as a constant
        {
            foundconstant=true;
            stack.push(constantlist.get(i).data); // if it does, use that value
        }
    }
    if (foundconstant==false) {
```

```
        System.out.println("Didn't recognize input. Exiting.");
        System.exit(1);
    }
```

```
class Constant{
    public String name;
    public double data;
    public boolean isconstant;
```

```
    Constant(String n, double d, boolean c) {
        name = n;
        data = d;
        isconstant = c;
    }
}
```