

```
returns totalcost
function(list of cart items)
{
    for(each cart item)
    {
        if item is shoe
            add to shoe list
        if item is hat
            increment hat counter
        if not shoe
            add to total
    }

    for(each item in shoe list)
    {
        add cost to shoe total
    }

    if(shoe total >= 100)
    {
        shoe total discount = 0.2 * shoe total
    }

    total += shoe total

    if(hat counter >= 2)
    {
        total -= 10 - shoe total discount
    }

}
```