

```
1 """
2 Created 2/24/26
3 Adam Kingery
4 Description:
5 The warranty of an appliance depends on the cost of the appliance. For appliances
6 over $1,000 the warrantee cost is 10% of the price. For appliances $1,000 or less
7 the warranty cost is 5% of the price. The user will enter the name and cost of an
8 appliance. Display name and cost of appliance, the cost of the warrantee and the
9 total (cost of the appliance + warranty).
10 """
11
12 #Ask user to enter name of appliance
13 print("Enter name of appliance: ")
14 appliance_name = input()
15
16 #Ask user to enter cost of appliance
17 print("Enter cost of appliance: ")
18 appliance_cost = input()
19
20 #Determine warranty_cost
21 if float(appliance_cost) > 1000:
22     warranty_cost = float(appliance_cost) * .10
23 if float(appliance_cost) <= 1000:
24     warranty_cost = float(appliance_cost) * .05
25
26 #Calculate total
27 total = float(appliance_cost) + float(warranty_cost)
28
29 #Display results
30 print("Appliance name: ", appliance_name)
31 print("Appliance cost: ", appliance_cost)
32 print("Warranty cost: ", warranty_cost)
33 print("Total: ", total)
```

```
Enter name of appliance:
Microwave
Enter cost of appliance:
2500
Appliance name: Microwave
Appliance cost: 2500
Warranty cost: 250.0
Total: 2750.0

** Process exited - Return Code: 0 **
```