ONLINE SHOPPING PRICE COMPARISON

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Details of Project: I'm Implementing this project   by using the python programming language

Code:

online shopping price comparision .py   +

```python
p1,d1,s1,p2,d2,s2,p3,d3,s3=map(int,input().split())
p3,d3,s3=map(int,input().split())
dp1 = (p1/100*d1)
cp1 = p1-dp1
ac1 = cp1+s1
dp2 = (p2/100*d2)
cp2 = p2-dp2
ac2 = cp2+s2
dp3 = (p3/100*d3)
cp3 = p3-dp3
ac3 = cp3+s3
print("In flipkart:Rs",ac1)
print("In snapdeal:",ac2)
print("In amazon:Rs",ac3)
if ac1<ac2 and ac1<ac3:
    print("he will prefer flipkart")
elif ac2<ac1 and ac2<ac3:
    print("he will prefer snapdeal")
else:
    print("he will prefer amazon")
```

Input and Output:

STDIN

```
1000 50 50 900 50 70 800 10 200
800 10 200
```

Output:

```
In flipkart:Rs 550.0
In snapdeal: 520.0
In amazon:Rs 920.0
he will prefer snapdeal
```

Explanation:

In this program I have implemented online shopping price compiler. Which is nothing but comparing prices and discount between three online platforms: Flipkart , Snapdeals and Amazon.The program takes input for the initial price(p),discount(d) and shipping cost(s) .For each platform:Flipkart(p1,d1,s1),snapdeal(p2,d2,s2)and amazon(p3,d3). By using input().split() function splits the value based on space decorator by default.It reads input as string which is typecasted into integer.map() is like a tool that helps to each item iterable.

It calculates the discount price (dp) for each platform using the formula "dp=(price / 100) * discount" and by subtracting the discount from the initial price (p=p-dp). It then add the shipping cost to the discounted price to get the actual cost (ac) for each platform. The program compares the actual costs for all three platforms

Finally it prints out the actual cost for each platform it determines which platform the user will prefer based on lowest actual cost.

Conclusion:

Finally I got the desired output for the Online shopping price comparision   by comparing the prices and discounts am**az**on Flipkart,Snapdeal,and Amazon. It calculates the total cost of each platform including initial price , discount, and shipping cost to find the platform with best deals.

So the desired output for the given inputs is

in snapdeal:Rs 520.0

this website contains the lowest cost .So he will
prefer snapdeal