

Instructor Only:

epl.it

JavaScript

```
1 var erik_meal= "a hamburger:";
2 var erik_price = 4.50;
3 var tip_percent = 0.15;
4 var tax_percent = 0.0875;
5 console.log(erik_meal);
6 console.log(erik_price);
7 var tip = erik_price * tip_percent;
8 console.log(tip);
9 var tax = erik_price * tax_percent;
10 console.log(tax);
11 var total = erik_price + tax + tip;
12 console.log(total);
13
14 var bill_meal= "a caesar salad";
15 var bill_price = 6.00;
16 console.log(bill_meal);
17 console.log(bill_price);
18 var bill_tip = bill_price * tip_percent;
19 console.log(bill_tip);
20 var bill_tax = bill_price * tax_percent;
21 console.log(bill_tax);
22 var bill_total = bill_price + bill_tax + bill_tip;
23 console.log(bill_total);
24 // NOTE: The common error is that they overwrite
25 | erik's tip and tax and total.
26
27 var pair_price = erik_price + bill_price;
28 var pair_tip = tip + bill_tip;
29 var pair_tax = tax + bill_tax;
30 var pair_total = total + bill_total;
31 console.log(pair_price);
32 console.log(pair_tax);
33 console.log(pair_total);
```

Run Ses

0.39375
5.56875
a caesar salad
6
0.8999999999999999
0.5249999999999999
7.425000000000001
ReferenceError: erik_tip is not defined
a hamburger:
4.5
0.6749999999999999
0.39375
5.56875
a caesar salad
6
0.8999999999999999
0.5249999999999999
7.425000000000001
a hamburger:
4.5
0.6749999999999999
0.39375
5.56875
a caesar salad
6
0.8999999999999999
0.5249999999999999
7.425000000000001
10.5
1.5749999999999997
0.91875
12.99375