

```

1 DECLARE sold_list: ARRAY[1 : number_of_items] OF STRING
2
3 total_fee <- 0
4
5 sold <- 0
6
7 no_bids <- 0
8
9 reserve_not_met <- 0
10
11 FOR i <- 1 TO number_of_items
12
13     IF current_highest_bid[i] >= reserve_price_list[i]
14
15         THEN
16
17             sold_list[i] <- 'sold'
18
19             total_fee <- current_highest_bid[i] * 0.1
20
21             sold <- sold + 1
22
23         ENDIF
24
25 NEXT
26
27 OUTPUT "Total fee: $", total_fee
28
29 FOR i <- 1 TO number_of_items
30
31     IF current_highest_bid[i] < reserve_price_list[i]
32
33         THEN
34
35             IF number_highest_bid[i] > 0
36
37                 THEN
38
39                     OUTPUT "Item number: ", item_number[i], "- Final bid $",
current_highest_bid[i]
40
41                     reserve_not_met <- reserve_not_met + 1
42
43                 ELSE
44
45                     OUTPUT "Item number: ", item_number[i], "no bid"
46
47                     no_bids <- no_bids + 1
48
49                     reserve_not_met <- reserve_not_met + 1

```

```
50
51
52
53 OUTPUT "Number of items sold: ", sold
54
55 OUTPUT "Number of items not meeting reserve: ", reserve_not_met
56
57 OUTPUT "Number of items with no bids: ", no_bids
58
```