

Exam1_A3-1: Online Airfare Calculation

Objective: Selection (if -else), Expressions

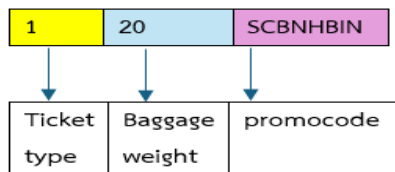
Write a python program following the provided flowchart to compute a passenger's total airfare

Input

A single line containing two integers and one string separated by spaces

1. First Integer is a type of ticket
2. The second Integer is the baggage weight in kg
3. The third string value is the promotional code for discount

Example:



Hint: To get two integers and one string use the code below

```
x = input().split()
```

```
t, w, c = int(x[0]), int(x[1]), x[2]
```

Output

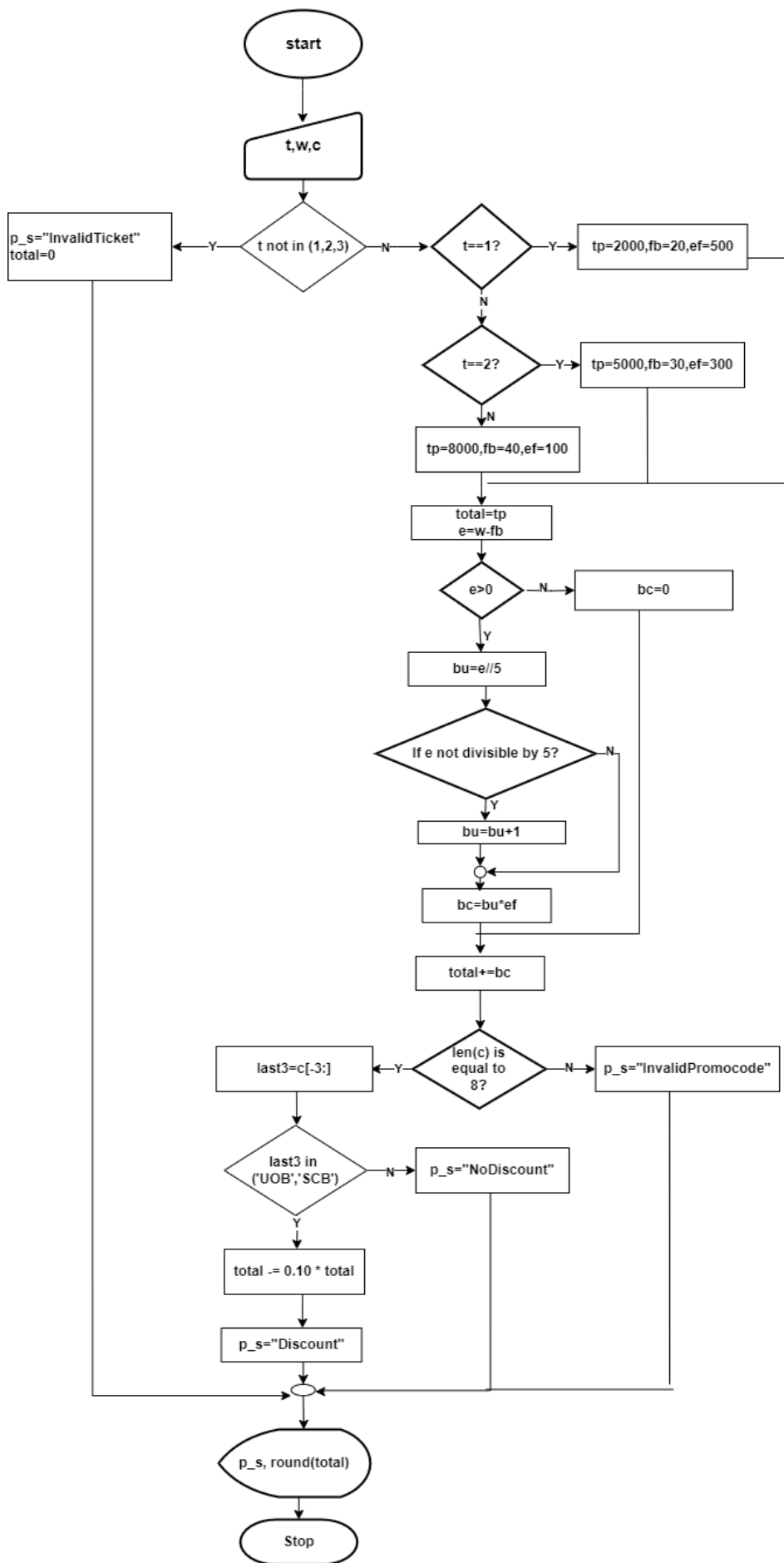
A single line showing the promotional status and the total airfare separated by space (' ')

Example		
Input(from keyboard)	Output(on screen)	Explanation
1 20 ABCKTT10	NoDiscount 2000	Type 1 ticket cost within free baggage,no discount
2 52 SCBNHBIN	NoDiscount 6500	Type 2 ticket cost with extra baggage,no discount
3 47 IKLMNSCB	Discount 7380	Type 3 ticket cost with extra baggage,discount
2 51 QRTKTB2	InvalidPromocode 6500	Type 2 ticket cost with extra baggage & Invalid promocode
3 40 NAZXCXUOB	InvalidPromocode 8000	Type 3 ticket cost within free baggage & Invalid promocode
1 30 AGHJCSCB	Discount 2700	Type 1 ticket cost with extra baggage & discount
2 20 MVXCFUOB	Discount 4500	Type 2 ticket cost within free baggage & discount
4 10 OLBKK30	InvalidTicket 0	Invalid ticket type

Test Cases in Grader

Testcases will be grouped. Each group has the following criteria:

Testcases quantity	Testcase characteristics
10%	Invalid ticket with no ticket cost
14%	Ticket cost without extra baggage & without discount
16%	Ticket cost without extra baggage & with discount
14%	Ticket cost with extra baggage & without discount
16%	Ticket cost with extra baggage & with discount
15%	Ticket cost with extra baggage & Invalid promocode
15%	Ticket cost without extra baggage & Invalid promocode



t- ticket type(1,2 or 3)
 w- baggage weight(kg)
 c- promo code
 tp- ticket price
 fb- free baggage in kg
 ef- extra fee baggage for each 5kg (1 unit =5kg)
 e - extra weight
 bu- baggage unit
 bc- baggage cost
 p_s - promotional status