Testing Principles:

1. Testing shows the presence of defects.

2. Exhausted Testing is Impossible.

3. Early Testing.

4. Defect Clustering.

5. Pesticide Paradox.

6. Testing is context dependent.

7. Absence of Error Fallacy.

Ticket fare:

1. Flat rate calculaton

input: 400

Output: $100

2. Flight between 500 and 1000 in 7 days

Input:500 10 note:500\*10/100=$50

Output: $50

3. Flight between 500 and 1000 in 30 days

Input:600 8 nt:600\*8/100=$48

Output: $48

4. Flight between 500 and 1000 in 90 days

Input: 800 6 nt:800\*6/100=$48

Output: $48

5. Flight more than 1000 in 7 days Economy Class

Input: 1100 7

Output: $330

6. Flight more than 1000 in 30 days Economy Class

Input: 1100 20

Output: $275

7. Flight more than 1000 in 90 days Economy Class

Input: 1100 40

Output: $220

8. Flight more than 1000 in 7 days Business Class

Input: 1100 7

Output: $660

9. Flight more than 1000 in 30 days Business Class

Input: 1100 15

Output: $550

10. Flight more than 1000 in 90 days Business Class

Input: 1100 40

Output: $440

11. Flight more than 1000 in 7 days First Class

Input: 1100 7

Output: $990

12. Flight more than 1000 in 30 days First Class

Input: 1100 20

Output: $825

13. Flight more than 1000 in 90 days First Class

Input: 1100 40

Output: $660