

## Tutorial – software testing

1. Identify the equivalence partitions for the following. Suggest the input data for testing the following unit.
  - a. The ticketing department of a subway company decided that children get the free ride, age between 12 and 21 as well as age 60 and over pay half price, the rest pay full price. Children is defined as age less than 11.
2. The following Java method accept an `ArrayList<Integer>` as parameter and return the sum of all the integer in the list. Suggest the test data you want to use to test the method.

```
public int addAll(ArrayList<Integer> items)
```

3. Suggest a template a developer can use to develop test case.
4. Create a test case to test the Oven class base on the below state machine diagram.

