Rent Management

Mr. Vikas owns 5 apartments in a society in Gurgaon. All the 5 apartments are on rent and he keeps data in his ledger as below:

```json
[
  {
    "flatNumber": 1,
    "tenantName": "Ravish",
    "totalRent": 20000,
    "rentPaid": 18000
  },
  {
    "flatNumber": 2,
    "tenantName": "Suraj",
    "totalRent": 15000,
    "rentPaid": 15000
  },
  {
    "flatNumber": 3,
    "tenantName": "Akash",
    "totalRent": 25000,
    "rentPaid": 25000
  },
  {
    "flatNumber": 4,
    "tenantName": "Sanjay",
    "totalRent": 18000,
    "rentPaid": 15000
  },
  {
    "flatNumber": 5,
    "tenantName": "Akshay",
    "totalRent": 24000,
    "rentPaid": 24000
  }
]
```

Now he wants your help in getting the following data:

Problem 1: Find the flat number and name of the tenants whose rent is due along with the amount due. The output should be in below format:

Flat Number: 1, Tenant name: Ravish, Rent Due: Rs.2000
Flat Number: 2, Tenant name: Sanjay, Rent Due: Rs.3000

Problem 2: He want to know the total rent he has earned from all tenants.

Problem 3: He want to add a new entry for each tenant which will have the rent left. Output will be in following format:

```
[
    {
    "flatNumber": 1,
    "tenantName": "Ravish",
    "totalRent": 20000,
    "rentPaid": 18000,
    "rentLeft": 2000
  },
  {
    "flatNumber": 2,
    "tenantName": "Suraj",
    "totalRent": 15000,
    "rentPaid": 15000,
    "rentLeft": 0
  },
      ...
      ...
      ...
]
```

Problem 4: He want to know the total rent that is pending from all tenants.