

Your task is to implement application with two functionalities :

1. For requested Flight Number and date will respond with following :
  - a. Cargo Weight for requested Flight
  - b. Baggage Weight for requested Flight
  - c. Total Weight for requested Flight
2. For requested IATA Airport Code and date will respond with following :
  - a. Number of flights departing from this airport,
  - b. Number of flights arriving to this airport,
  - c. Total number (pieces) of baggage arriving to this airport,
  - d. Total number (pieces) of baggage departing from this airport.

For generating test data use : <https://www.json-generator.com/>

Flight Entity

```
[
  '{{repeat(5)}}',
  {
    flightId: '{{index()}}',
    flightNumber: '{{integer(1000, 9999)}}',
    departureAirportIATACode: '{{random("SEA","YYZ","YYT","ANC","LAX")}}',
    arrivalAirportIATACode: '{{random("MIT","LEW","GDN","KRK","PPX")}}',
    departureDate: '{{date(new Date(2014, 0, 1), new Date(), "YYYY-MM-ddThh:mm:ssZ")}}'
  }
]
```

Cargo Entity

```
[
  '{{repeat(5)}}',
  {
    flightId: '{{index()}}',
    baggage: [
      '{{repeat(3,8)}}',
      {
        id: '{{index()}}',
        weight: '{{integer(1, 999)}}',
        weightUnit: '{{random("kg","lb")}}',
        pieces: '{{integer(1, 999)}}'
      }
    ],
    cargo: [
      '{{repeat(3,5)}}',
      {
        id: '{{index()}}',
        weight: '{{integer(1, 999)}}',
        weightUnit: '{{random("kg","lb")}}',
        pieces: '{{integer(1, 999)}}'
      }
    ]
  }
]
```