

Subtotals

The following object gives you subtotals for this month (October) [raw: <http://pastebin.com/xVtvZv3Z>]:

```
{
  "count":15,
  "amount":425,
  "num_items":12,
  "gender":{
    "F":{
      "count":5, "amount":225, "num_items":7
    },
    "M":{
      "count":10, "amount":200, "num_items":5
    }
  },
  "currency":{
    "EUR":{
      "count":13, "amount":175, "num_items":6
    },
    "USD":{
      "count":2, "amount":250, "num_items":6
    }
  }
}
```

We now have a new entry for October :

```
{
  "gender": "M",
  "amount": 17.0,
  "num_items": 2,
  "currency": "EUR"
}
```

1. Write a function to add this new entry to the monthly subtotals. The function should be generic enough to **accommodate different record values** (e.g. a new currency, "GBP"), as well as **additional string or numeric fields**, e.g.
`{"country_code": "GB", "week_of_year": 42}`
2. We have been given comparable subtotals for other months. Write a generic function to sum the subtotals of different months. The function should be flexible enough to **accommodate additional string or numeric fields**, empty objects, and (if possible) deeper levels of information.