

## Use Colors to identify responsibilities

```
private void gen() {

    String in = "input/" + (new Date().getMonth() + 1) + ".csv";

    try {
        BufferedReader reader = new BufferedReader(new
FileReader(in));

        String line = reader.readLine();
        float tt = 0;
        int c = 0;
        while(line != null)
        {
            if (c == 0)
            {
                c++;
                line = reader.readLine();
                continue;

            }

            String [] tmp = line.split(",");
            c++;

            Date dc = new
SimpleDateFormat("dd/MM/yyyy").parse(tmp[0]);

            String t = tmp[1];

            if (expenses.get(t) == null)
            {
                expenses.put(t, Float.parseFloat(tmp[2]));
            } else
            {
                expenses.put(t, expenses.get(t) +
Float.parseFloat(tmp[2]));
            }
        }
    }
}
```

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    }

    tt += Float.parseFloat(tmp[2]);

    line = reader.readLine();
}

PrintWriter p = new
PrintWriter("output/expenses-"+(new Date().getMonth()+1)+".txt");

p.println("Month January");

p.println("Expenses: "+c);

for (String s: expenses.keySet())
{
    p.println(s+ ": "+expenses.get(s));
}

p.println("---");

p.println("Total: "+tt);

if (tt > max )
{
    p.println("Exceeds max");
}

p.close();

PrintWriter p2 = new
PrintWriter("output/expenses-"+(new Date().getMonth()+1)+".html");

p2.println("<html><body>");

p2.println("<h1>Month January</h1>");

p2.println("<br/>Expenses: "+c);
for (String s: expenses.keySet())
{
    p.println(s+ ": "+expenses.get(s)+"</br>");
}

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    }
    p.println("<hr>");
    p2.println("<b>Total: "+tt+"</b>");

    if (tt > max )
    {
        p.println("<h3>Exceeds max</h3>");
    }
    p2.println("</html></body>");

    p.close();

    reader.close();

} catch (FileNotFoundException e) {
    e.printStackTrace();
} catch (IOException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
} catch (NumberFormatException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
} catch (ParseException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}

}

```