1 Record I/O

1.1 Control Break

Overview
In this exercise, a formatted file is processed using stream oriented I/O. In addition, control break are used to produce a readable report with appropriate statistics.

Objectives
- Use the GET EDIT command for reading data.
- Determining when a key has been changed.
- Use conditional expressions to make the print layout easier to read.
- Calculating totals and sub-totals.

Details
- Management requires a report of all claims.
- The report is to group all the categories together.
- After each category:
  - Print a count and a total of each category.
  - Print a grand total at the end of the count.

Input
1. Sorted Claims Master Data Set
   LRECL: 80
   DSORG: PS
   DSN: ___________________
Field | Position | Length | Description
---|---|---|---
SSN | 1 | 9 | Characters
Employee Name | 10 | 20 | Characters
Manager Name | 31 | 20 | Characters
Category | 51 | 3 | Characters
ACT-Active
CAN-Cancelled
DIS-Dispute
PRO-Processed
Claim Amount | 55 | 7.2 | Numeric with 2 digits after the decimal

Output
1. Claims Category Report

mm/dd/yyyy  Claims Category Report  Page Z,ZZ9

<table>
<thead>
<tr>
<th>SSN</th>
<th>NAME</th>
<th>MANAGER</th>
<th>CAT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXXXXXXX</td>
<td>XXXXXXXXXXXXXXXXX</td>
<td>XXXXXXXXXXXXXXXXX</td>
<td>XXX</td>
<td>ZZZ,ZZZ,ZZ9.99</td>
</tr>
<tr>
<td>XXXXXXXX</td>
<td>XXXXXXXXXXXXXXXXX</td>
<td>XXXXXXXXXXXXXXXXX</td>
<td>XXX</td>
<td>ZZZ,ZZZ,ZZ9.99</td>
</tr>
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<td>XXXXXXXXXXXXXXXXX</td>
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</tr>
</tbody>
</table>

Totals for XXX
Z,ZZ9  Z, ZZZ,ZZZ,ZZ9.99

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</tr>
</tbody>
</table>

Totals for XXX
Z,ZZ9  Z, ZZZ,ZZZ,ZZ9.99

Grand Totals
Z,ZZ9  Z, ZZZ,ZZZ,ZZ9.99