

## Lab 5. Generating Reports

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### Overview

This lab utilizes two COBOL programs, CBL0004 and CBL0005, located within your id.CBL data set, as well as two JCL jobs, CBL0004J and CBL0005J, located within your id.JCL data set. The JCL jobs are used to compile and execute the COBOL programs, as discussed in previous labs. You will practice generating reports with COBOL, in addition to, reformatting displayed output for a report.

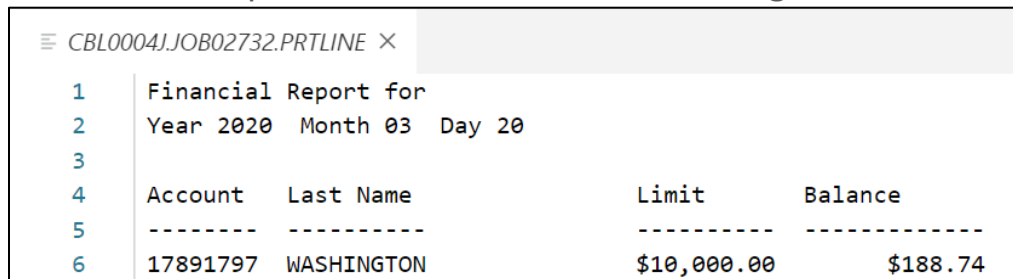
### Objectives

- Submit job and view successfully generated report
- Compare the differences between two reports
- Edit the source code for the second report to reflect the proper format for currency
- Successfully resubmit the job with the changes reflected in the output

## Lab instructions

Using VSCode and Zowe Explorer:

1. Submit job: CBL0004J
2. Observe the report written with headers like Figure 1. below.

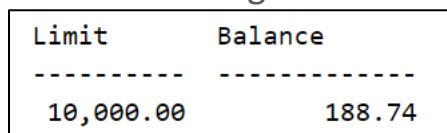


The screenshot shows a VSCode editor window with a file named 'CBL0004J.JOB02732.PRTLINE'. The content is a financial report header with the following lines:

Line	Text
1	Financial Report for
2	Year 2020 Month 03 Day 20
3	
4	Account      Last Name                      Limit              Balance
5	-----
6	17891797    WASHINGTON                      \$10,000.00              \$188.74

Figure 1. Report with headers

3. Submit job: CBL0005J
4. Observe the report data lines are written without dollar currency symbol, illustrated in Figure 2.



The screenshot shows a table with two columns: 'Limit' and 'Balance'. The data is as follows:

Limit	Balance
10,000.00	188.74

Figure 2. No currency symbol in output

5. Modify id.CBL(CBL0005) to include the dollar currency symbol in the report.

*\*Hint: Compare with CBL0004 line 25*

6. Re-submit job: CBL0005J
7. Observe the report data lines should now include the dollar currency symbol, shown in Figure 3.

CBL0005J.JOB02734.PRTLINE ×				
1	Financial Report for			
2	Year 2020 Month 03 Day 20			
3				
4	Account	Last Name	Limit	Balance
5	-----	-----	-----	-----
6	17891797	WASHINGTON	\$10,000.00	\$188.74

Figure 3. Currency symbol added to output