

Lab 6. Editing Reports

Note: All action items followed by a * sign, include exercise hints, which are located at the end of this exercise.

Overview

This lab requires two COBOL programs, CBL0006 and CBL0007 and two respective JCL Jobs, CBL0006J and CBL0007J, to compile and execute the COBOL programs. All of which are provided to you in your VSCode - Zowe Explorer.

Objectives

- Observe new additions to the report
- Submit job and verify the additions are present in the generated report
- Identify and correct syntax error
- Verify the correction is successful

Lab instructions

Using VSCode and Zowe Explorer:

1. Take a moment and look over the source code of the two COBOL programs provided: CBL0006 and CBL0007.
2. Compare CBL0006 with CBL0005 from the previous lab. Do you notice the differences?
 - a. Observe the new CLIENTS-PER-STATE line within the WORKING-STORAGE > PROCEDURE DIVISION.
 - b. Observe the new paragraph IS-STATE-VIRGINIA within that same division.
 - c. This paragraph checks whether the client is from Virginia. If that condition is met (true) then the program should add 1 to the clients from Virginia total.
 - d. Program writes "Virginia Clients = ", in last line of report.
3. Submit CBL0006J
4. View the job output from the JOBS section and verify the steps mentioned above were executed.

CBL0006J.JOB03135.PRTLINE X				
48	20012009	BUSH II	\$100,000.00	\$31,313.20
49	20092017	OBAMA	\$9,950,000.00	\$92,311.00
50	20172020	TRUMP	\$8,100,000.00	\$10.00
51	Virginia Clients = 008			

Figure 1. *Id.JCL(CBL0006J) output*

5. Submit CBL0007J
6. Find the compile error, IGYPS2113-E, in the job output.
7. Go ahead and modify id.CBL(CBL0007) to correct the syntax error outlined by the IGYPS2113-E message.*
8. Re-submit CBL0007J
9. Validate that the syntax error was corrected by getting an error free output file.

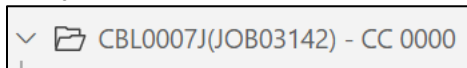


Figure 2. *Successful compile*

Lab Hints

7.

```
IS-STATE-VIRGINIA.  
  IF USA-STATE = 'Virginia' THEN  
    ADD 1 TO VIRGINIA-CLIENTS  
  END-IF.
```