

COBOL Programming with VSCode

Questions and Answers

Section 1

1: We define the IP address and login information for the system we are attempting to log in to by creating a _____.

- a) Host Registry
- b) [Connection Profile](#)
- c) Linkage Profile
- d) Command Broker

2: The URL and port we enter to specify a connect to the mainframe system is also known, in this case, as the _____ URL.

- a) [z/OSMF](#)
- b) ZD&T
- c) Zowe
- d) Z99998

3: After successfully creating a connection to a working system using VS Code and the Zowe Explorer Plugin, three new menu sections appear, consisting of:

- a) Favorites, Data Sets, Jobs
- b) Jobs, Unix System Services, Code
- c) [Data Sets, Unix System Services, Jobs](#)
- d) Unix System Service, z/OS Facilities, Job Output

4: To specify the data sets you want to see for your particular user, you create or select a

-
- a) Scope
 - b) Switch
 - c) View
 - d) [Filter](#)

5: To run COBOL code on z/OS, we right-click and select "Submit Job" on what file?

- a) Parameters
- b) [JCL](#)
- c) COBOL
- d) JSON

6: What does a COBOL Statement usually begin with?

- a) Sentences

- b) Parenthesis
- c) Reserved words
- d) Filler

7: What division acts as a link between your program and the system it's running on?

- a) Data Division
- b) Identification Division
- c) Procedure Division
- d) Environment Division

Section 2

1: What change is required to make the output of the report in CBL0005 formatted as a dollar value?

- a) Format it with dollar signs instead of Z's
- b) Format it with D's instead of Z's
- c) Declare the variable using the WITH_DOLLARS Intrinsic Function
- d) Using the PIC(\$\$\$) clause

2: For the PAYROLL00 job output, where do we find details for the Execution (as opposed to the Compile details)?

- a) PAYROLL:SYSPRINT
- b) PAYROLL:JESJCL
- c) PAYROLL:SYSOUT
- d) PAYROLL:JESYSMSG

3: What was the resolution for the ABENDU4038 error in CBL0003 where the program was unable to open or close the ACCTREC file name?

- a) The permissions on the ACCTREC file were incorrect and needed to be updated
- b) The amount of records in the data set was inconsistent between JCL and COBOL code
- c) It was specified as INPUT when it should have been OUTPUT
- d) ACCTREC was spelled wrong in the JCL and should have been spelled correctly

4: In which divisions do you describe the inputs and outputs, in file handling, that will be used in the Procedure Division?

- a) Identification and Environment Divisions
- b) Environment and Data Divisions
- c) Procedure and Data Divisions
- d) Identification and Data Divisions

5: What does the SELECT ASSIGN clause do in this snippet of code:

```

*-----*
ENVIRONMENT DIVISION.
*-----*
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT PRINT-LINE ASSIGN TO PRTLINE.

```

- Selecting the external file name, PRINT-LINE, and assigning it to the internal file/data set, PRTLINE.
- Selecting the internal file name, PRINT-LINE, and assigning it to the internal file/data set, PRTLINE.
- Selecting the internal file name, PRINT-LINE, and assigning it to the external file/data set, PRTLINE.
- Selecting the external file name, PRINT-LINE, and assigning it to the external file/data set, PRTLINE.

6: What is a block?

- A section of code in the source code
- A group of records to be loaded into the program
- A COBOL reserved word
- A COBOL data type

Section 3

1: What is the new feature added into the CBL0006 program that was not in CBL0005?

- It adds an Average of all account balances
- It adds a count of the number of people from the state of Virginia
- There is now the ability to sort the people by name and state
- It adds an additional field to the data for Age When Elected

2: In CBL0008, TLIMIT and TBALANCE get printed in what section of the report?

- HEADER-3
- HEADER-4
- FOOTER-1
- TRAILER-2

3: Why didn't CBL0010 compile correctly the first time?

- A misplaced comma in the JCL
- It needs to be in COMPATABILITY Mode, not EXTENDED Mode
- A mismatch between the record lengths in the file and what the COBOL expects
- The same variable is declared twice, which cannot happen

4: If Item-1 has a value of "Hello World!", what will the value of Item-1 be after executing the following code: Display Function Upper-Case(Item-1)

- "Hello World!"

- b) "HELLO WORLD!"
- c) "hello world!"
- d) "hELLO wORLD!"

5: If we were coding an Inline Perform statement, where the looped portion of code simply DISPLAYed the value of COUNTER, which PERFORM statement could be used to ensure we output exactly 100 through 200?

- a) PERFORM VARYING COUNTER FROM 100 BY 1 UNTIL COUNTER EQUALS 200
- b) PERFORM VARYING COUNTER FROM 99 BY 1 UNTIL COUNTER EQUALS 201
- c) PERFORM VARYING COUNTER FROM 99 BY 1 UNTIL COUNTER EQUALS 199
- d) PERFORM WHILE COUNTER <= 200 DO COUNTER + 1

6: In the arithmetic expression COMPUTE X = 1 + 2 (15 / 3) * 60 - 8, what part of the expression gets solved first when processed in COBOL?

- a) 1+2
- b) 15/3
- c) 60 - 8
- d) 3 * 52

7: If X is 5 and Y is 8, which of the following expressions would evaluate as FALSE?

- a) IF X < Y
- b) IF X NOT < Y
- c) IF Y NOT < X
- d) IF Y >= 8