

FINAL EXAM

Phase 1 – DueDate OCT 1ST

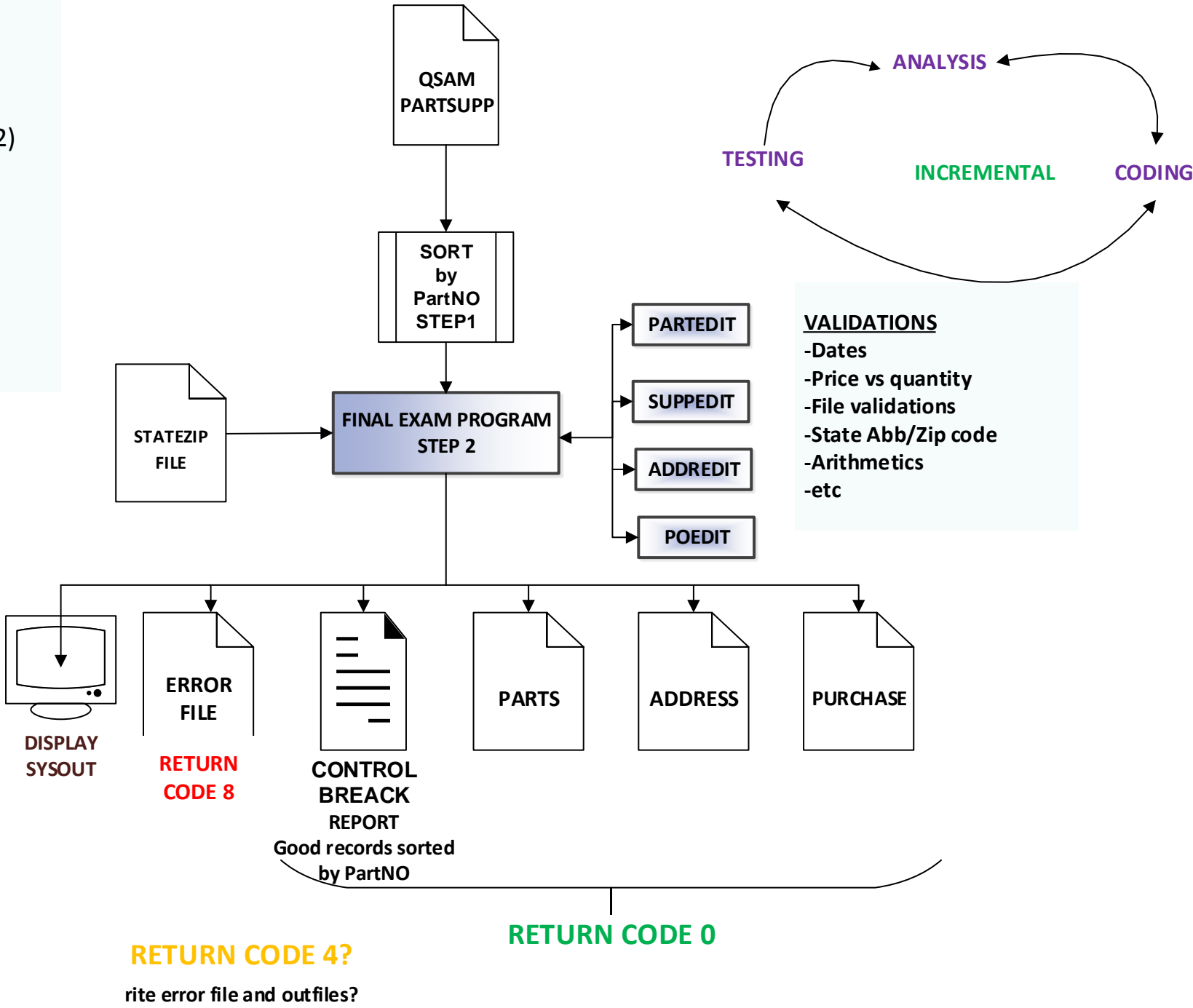
1) DELIVERABLES:

- Program (STEP 1 AND STEP 2)
- TEST DATA
- JCL

2) Introduce a bug

Phase 2

Work with DBA



Edited Records -Disposition

If the record passes all the tests in the subprogram:

- The subroutine should send back a return code of zero
- The PARTSUPP (calling program); → we shoudl name the main program PARTSUPP then?
 - Moves the record data to the associated output file:
 - PARTS
 - SUPPLIERS
 - ADDRESSES
 - PURCHASEORDERS
 - Writes the output file
 - Writes the existing PARTSUPP file -> ???? Write the input file?

If the record has anyerrors:

- The subroutine sends back a return-code of 8
- The PARTSUPP driver program writes the record to the error-file and does **not** write the record to the "good record" output file(s)
- If there are < 4 errors: (1, 2 or 3 errors)
 - The bad record must include error messages in the output file
 - Meaning that your output file record layout needs additional space for the error message(s) that accompany the invalid data fields in the record ->> deal with additional space for the ERROR -FILE.
- If there are > 3 errors:
 - The bad record is written to the output file with a single message that the record is completely invalid

Recommendations from Jon:

- Program Level: What the program does
- Paragraph level:"HOW" the paragraph operates
- Inline doc *> things that are unintuitive, complex or land-mines for future maintenance
- work TOP-DOWN into blocks of logic (PARAGRAPHS)
- Use pseudocode at first
- read one record in - and write one record out - not the entire file