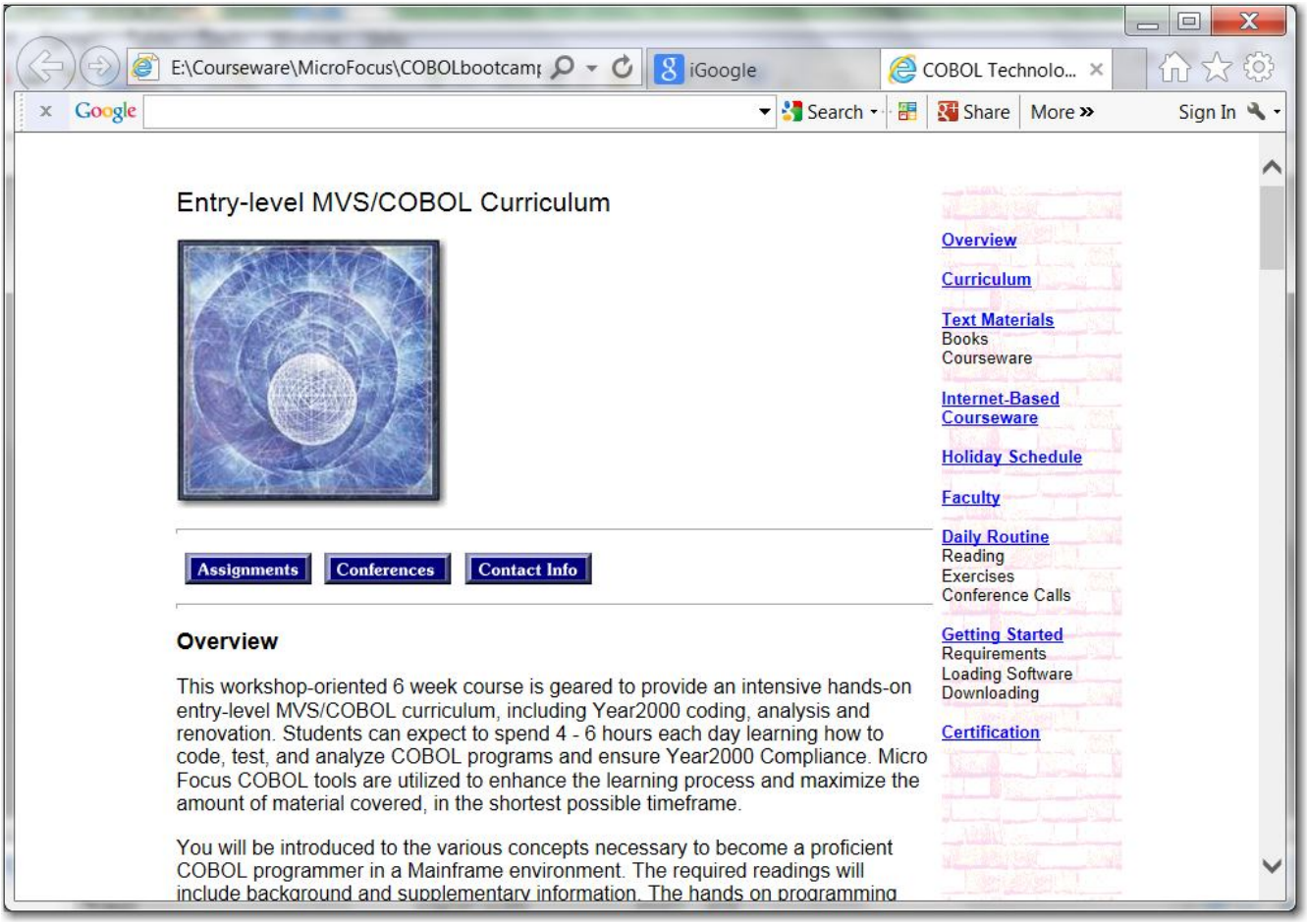
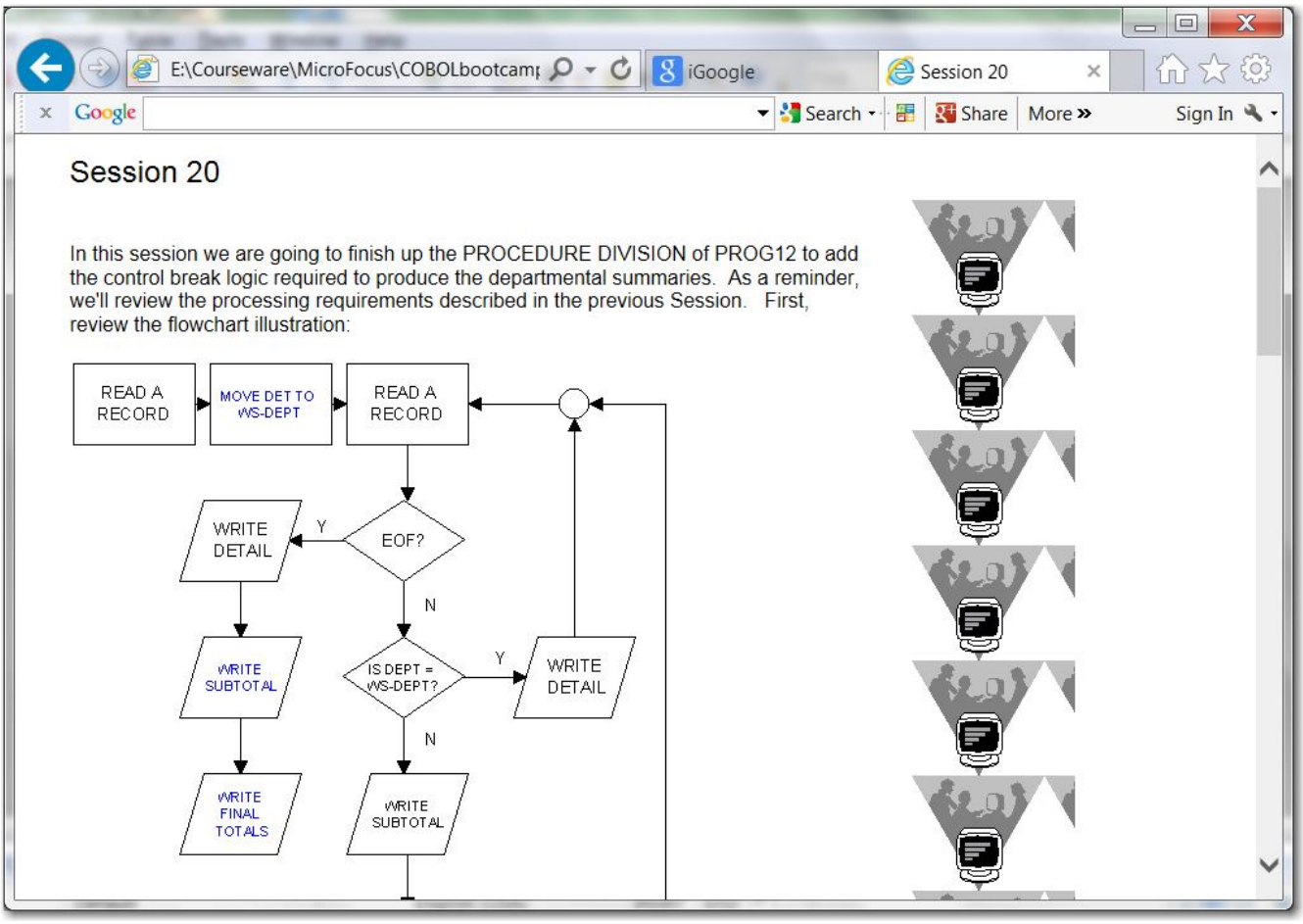
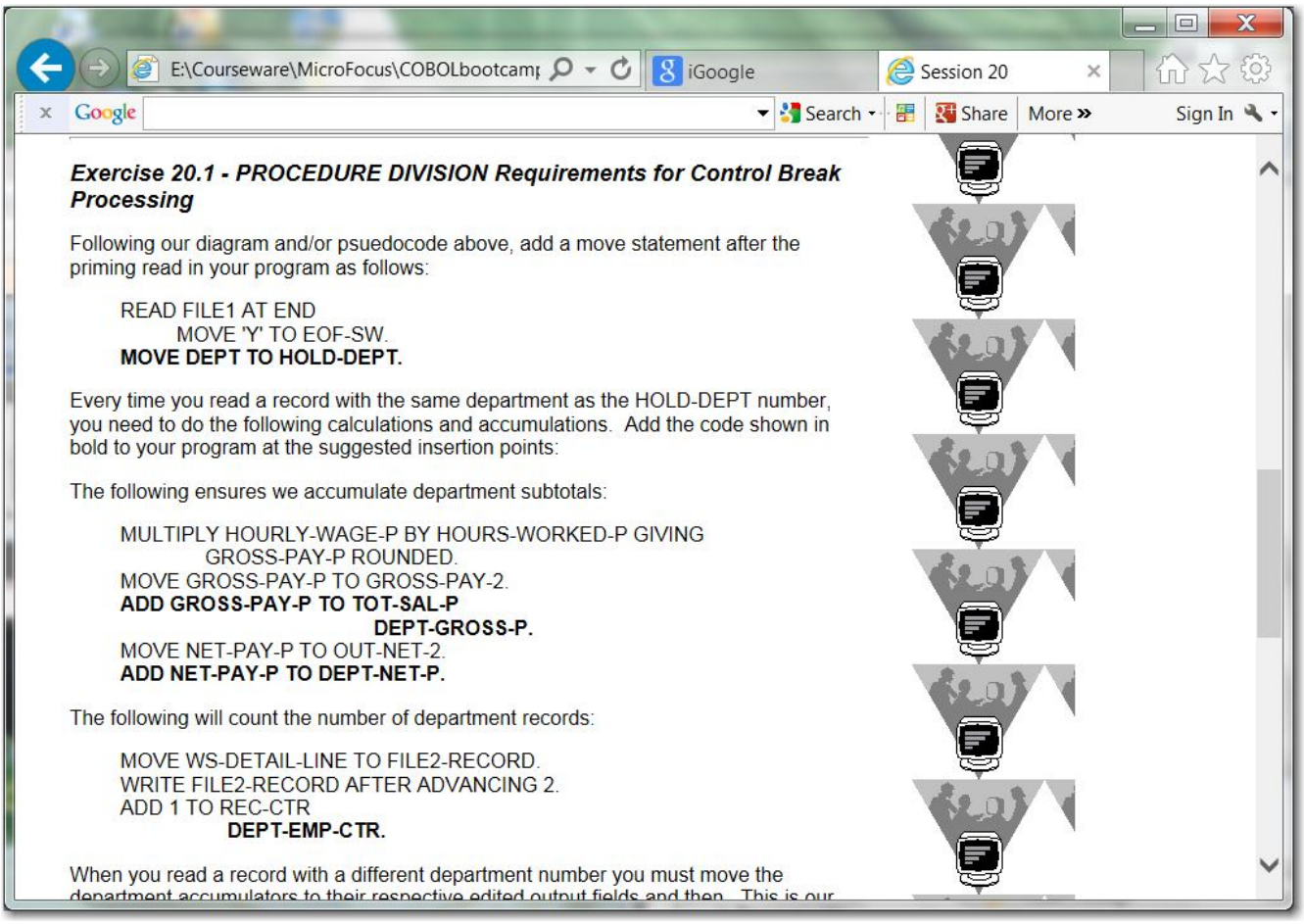
The package depicted below is for an online Entry-Level MVS/COBOL course delivered by Micro Focus, Inc.



A sample session on control break logic.



A sample session on control break logic continued.



Exercise 20.1 - PROCEDURE DIVISION Requirements for Control Break Processing

Following our diagram and/or psuedocode above, add a move statement after the priming read in your program as follows:

```
READ FILE1 AT END
       MOVE 'Y' TO EOF-SW.
MOVE DEPT TO HOLD-DEPT.
```

Every time you read a record with the same department as the HOLD-DEPT number, you need to do the following calculations and accumulations. Add the code shown in bold to your program at the suggested insertion points:

The following ensures we accumulate department subtotals:

```
MULTIPLY HOURLY-WAGE-P BY HOURS-WORKED-P GIVING
          GROSS-PAY-P ROUNDED.
MOVE GROSS-PAY-P TO GROSS-PAY-2.
ADD GROSS-PAY-P TO TOT-SAL-P
                   DEPT-GROSS-P.
MOVE NET-PAY-P TO OUT-NET-2.
ADD NET-PAY-P TO DEPT-NET-P.
```

The following will count the number of department records:

```
MOVE WS-DETAIL-LINE TO FILE2-RECORD.
WRITE FILE2-RECORD AFTER ADVANCING 2.
ADD 1 TO REC-CTR
          DEPT-EMP-CTR.
```

When you read a record with a different department number you must move the department accumulators to their respective edited output fields and then. This is our