

DFD Worksheet

1. Draw a DFD that has a disk file as input, a COBOL program is used to print a report that is sent to purchasing.
2. Draw a DFD that has three sequential input files. File A is a disk file, file B is a tape file and file C is a disk file. The output from this program is a disk file D.
3. Draw a DFD that describes a system to process records entered through a terminal from insurance policy records. The entered records will become a disk file to be used as input for a program to produce a printed report.
4. Draw a DFD to key in records from printed receipts to create a disk file. The file will be used as input to a program that produces a disk file and an exception report.
5. Draw a DFD to describe a system to key in records from sales slips to create a disk file. The disk file is to be sorted, and the results will be used to update a master tape file. The update program is to produce an exception report to be used to correct and rekey individual records.
6. Draw a DFD for a system that will use PC's to input price and availability information and output to a transaction file (TRAN1). The transaction file is to be sorted by a sort utility to another file (TRAN2). A batch edit program will read the transaction file (TRAN2) and use the product file (PRODUCT) to validate the transaction file. The program will produce a file of valid records (VALFILE) and an error report. The error report will be returned to data entry for the correction of records. The valid file (VALFILE) will be used as input for a program to update the product file (PRODUCT). The product file-update program is to produce an audit report of all updates.