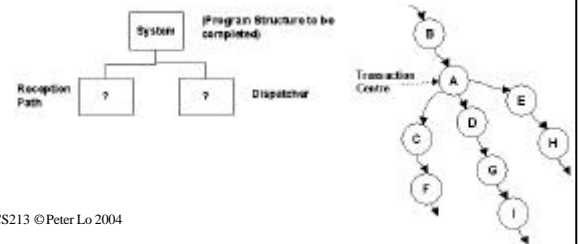


# Tutorial 4

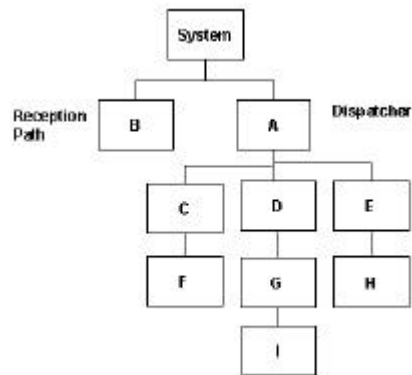
Peter Lo

## Question 1

- The following is a simple data flow diagram fragment that exhibits transaction flow characteristics. The transaction centre has been identified as process A. Making use of the transaction analysis technique, map this data flow diagram into a program structure. Part of the program structure has already been completed for you.

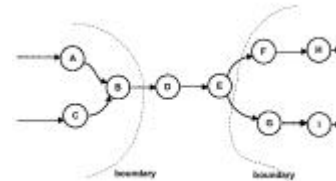


## Answer

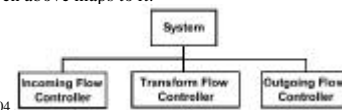


## Question 2

- The following DFD fragment is said to exhibit transform flow characteristics, with boundaries indicated.



- Show how you would complete the following program structure so that the DFD given above maps to it.



# Answer

