a) i)

Daily Transaction

Enter stock number

[ ]

Number of item recieved [   ]

Number of item shipped [   ]

ii) Input	Process	Output
• Data from transaction file	• change numbers in quantity on hand column • Locate stock number	• Display updated information • Saves information

a) ii)
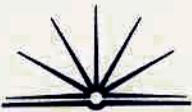
iii) BEGIN Inventory
```
    index = 0
    Found = false
    INPUT IstockNum
    WHILE (IstockNum >= 1) AND (IstockNum <= 999) THEN
            WHILE index < 999
                increment index
                IF IstockNum = index   THEN
                    Found = True
                    Get T. Stock. Quantity
                    I.stock.Qunantity = I.stock.Quantity + T.Stock.Quantity
                ENDIF
                IF I.stock.Quantity < 3 THEN
                    DISPLAY "Error"
                ENDIF
            ENDIF
            ENDWHILE
    ENDIF
    IF Found <> true THEN
        DISPLAY "Not found"
    ENDIF
END Inventory
```

b) Intrinsic or technical documentation should be used when the algorithms and source code are started to be written. During planning and design stage where the structures of code to be written are worked out. The use of remarks and general comments on particular lines of code, sub programs and modules are useful in later stage. Maintenance stage required updates on the software and thats the time where these remarks and comment are invaluable. Programmers unsure of certain section of code can quickly read and understand the information provided by the remarks

User documentation developed during implementation stage helps the user understand how the software operates Once a solution has been implemented and working, the end user must be able to operate it. Through user manuals, installation guide

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tutorials and help files the user
can learn how the software solution
work themselves with these aids.