



a) iii)-The first class of message is
the Message Header. This wessage
S in the form of a string.
- The second class of message is
He event deman ded, in Event Name,
which is also in the form of
a String.
- The third class of necessage is
the Number Tickets Sold. This
Value is stored as an integer.
A MESSAGE HEADER Event Last Event
Aurobet Number



aliv	Doshhacki	us Proce	ssTicket:
	using tes	of data Eve	entTickets Available=5,
	NumberTic	ketsSold =	10:
	EventTickets		
	1 .	TicketsSold	The system sells
	5	10	/ wore fickets than it has available.
	-5	←	I it has available.
	-10	<	271e System
			continues to sell
			tickets even when
			it has run out
			already.



(b) BEGIN ProduceReport
DIM Ticket Array (Event Number AS luteger
Event Name AS String, Tickets Sold As Integer) OPEN EVENT File. As Army of Records.
OPEN EVENT File. As Army of Records.
Counter = 1.
DO UNTIL End Of File (EVENT)
DO UNTIL End Of File (EVENT) READ Event Number, Event Name }
Ticket Array (Counter 1) = Event Number
Ticket Array (Counter, 1) = Event Number Ticket Array (Counter, 2) = Event Name
Counter = Counter + 1
LOOP
CLOSE EVENT File.
OPEN TICKET File
DO UNTIL EST ENDOFFILE (TICKET)
DO UNTIL EST Endoffile (TICKET) READ Number of Tickets Sold, Event Number
FOR index = 1 To Counter
FOR index = 1 TO Counter 1 F Ticket Array (index, 1) = Eventlumber
THEN
Ticket Array (index) 3) = Ticket_
Array (index, 3) + Number Troots Sold
Con +
Coul



b) cout.
ENDIF
MENEXT index
LOOP
CLOSE Ticket File
FOR index = 1 TO Counter
PRINT "Event Number:"+ Ticket Armay (index
PRINT "Event Name: "+ Ticket Array (index, 2
PRINT "Tickets Sold: "+ Ticket Array (index, 3
PRINT
NEXT judex
END Produce Report
// Note: There was no weed to write a
Sort algorithm, as the EVENT file was already sorted by event number prior to processing, and was entered into the array in this order.
already sorted by event number prior
to processing, and was entered into
the array in this order.
1-



c) Video documentation involves recording and storing help for tle users as animated or video Media. This could include a - a person explains operation by demonstrating display Video documentation is allen extremely effective in teaching isers to learn the supplication and Many specific functions but lacks detailed explanations Online Help involves documentation and help that appears on the screen as you are using Goodication, Such as t, gopup nessages and prompts, and a 'nizard'-Style ser interface, featuring step-by-step explanations. Online help



is extremely effective. Online Help is the most suitable option for the Event ticket agancy remote terminals. At every stage of the process of they interest users can be provided ith relevant, on-screen explanation of the specific functions of the
is extremely effective. Online Help is the most surfable option for the Event ticket agancy remote terminals. At every stage of the process of buy into tickets users can be provided with relevant, on-screen explanation of the specific functions of the
Online Help is the most suitable option for the Event ticket agency remote terminals. At every stage of the process of buy into tickets users can be provided with relevant, on-screen explanation of the specific functions of the
option for the Event ticket against venu de terminals. At every chage at the process of buy into tickets users can be provided with relevant, on-screen explanation of the specific functions of the
remote terminals. At every ctage of the process of bay inter tickets users an be provided ith relevant, on-screen explanation at the specific functions of the
stage at the process of Buy into tickets users an be provided ith relevant, on-screen explanation of the specific functions of the
tickets, users can be provided with relevant, on-screen explanation of the specific functions of the
Ath relevant, on-screen explanations of the Specific functions of the
at the Specific functions of the
application and its four tion
and purpose. Balloon text can
the used to explain the function
of each command, Button, or Screen element.
Screen elevent.