

## DATA DICTIONARY

NAME (final outputs)	TYPE	DESCRIPTION
childTicketCount	integer	stores number of children tickets sold
childTotal	float	stores total amount of children tickets sales
juniorTicketCount	integer	stores number of junior tickets sold
juniorTotal	float	stores total amount of junior tickets sales
adultTicketCount	integer	stores number of adult tickets sold
adultTotal	float	stores total amount of adult tickets sales
totalTicketSales	float	stores total amount of tickets sales
orderNumber	integer	increments and stores number of sales transactions
ticketName	string	string name of ticket type (Child, Junior, Adult)
ticketQuantity	integer	number of tickets sold per each sale
ticketCharge	float	charge for each sale
DELTA	float	difference in each sale from correct charge
ticketType	string	J, C, A, Q

## CONSTANT

CHILD	float	0.0
JUNIOR	float	7.50
ADULT	float	11.50
BREAK	string	" "

## FUNCTIONS

main	none	Main driver for the entire program, central loop
getTicketType	string	prompts for user choice and returns ticketType
getQuantity	integer	prompts for user for ticketQuantity, returns ticketQuantity
getCharge	float	prompts for user for ticketCharge, returns ticketCharge
findTicketName	string	returns ticketName(Child, Junior, or Adult) based on getTicketType
getDelta	float	calculates difference in what was charged and what should have been charged
displayOneOrder	string	displays each ticket order
displayFinalReport	string	displays final report with final totals after pushing button

