Lottery Winners Flowchart

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Purpose: Lottery Winners

System Libraries
iostream (Input-Output Library)
Standard Namespace

User Libraries
none

Global Constants
SIZE = 10

Function Prototypes
none

main

A

A

Declare and Initialize Variables Here
ticks [SIZE] = {13579, 26791, 26792, 33445, 55555, 62483, 77777, 79422, 85647, 93121}

userIpt

Output
Information about what program does

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```
      ( Page 2 )
          |
          v
  +------------------+
  / Prompt for        /
 /  Input            /
/   userIpt         /
+------------------+
          |
          v
  +------------------+
  | Declare and      |
  | Initialize       |
  | Variables        |
  | found = false    |
  | index = 0        |
  +------------------+
          |
          |------------------------> +------------------+
          v                          | Increment        |
    /\                               | Counter          |
   /  \                              | index++          |
  / index \                         +------------------+
 / < SIZE  \      True              False  ^
 \   &&    /  -------->  /\                 |
  \ !found /            /  \                 |
   \      /            / userIpt \   True   +------------------+
    \/                / == ticks[ \ ------> | Initialize       |
     |               \  index]    /         | Variables        |
     | False          \          /          | found = true     |
     v                 \        /            +------------------+
    /\                  \/
   /  \
  / found\      True    +------------------+
 \       / -------->    / Output            /
  \     /              /  "Buyer's         /
   \   /              /   ticket          /
    \ /              /    winner"        /
     |              +------------------+
     | False                |
     v                      |
  +------------------+      |
  / Output            /     |
 /  "Buyer's         /      |
/   ticket not      /       v
+------------------+    ( Exit from main
         |------------->   return 0 )
```