Coin Toss Flowchart

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Purpose: Coin Toss

System Libraries
iostream (Input-Output Library)
cstdlib (C Standard Library)
ctime(C Time Library)
Standard Namespace

User Libraries
none

Global Constants
none

Function Prototypes
coinTos

main

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Seed the random number generator using time (0)

Declare Variables
flipCnt
counter

Output
Information about what program does

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Prompt for Input
Input the value of flipCnt, flipCnt must not be <0

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Input the value of flipCnt, flipCnt must not be <0

flipCnt < 0

True

Output
This value is invalid

False

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Initialize the Counter in For Loop
counter = 1

Increment Counter
counter++

Execute Function
cointTos
This function randomly generates a value of 1 or 2; if the valuie is 1, it outputs "heads;" if the value is 2, it outputs tails

counter<=flipCnt

True

False

return 0
Exit from main