

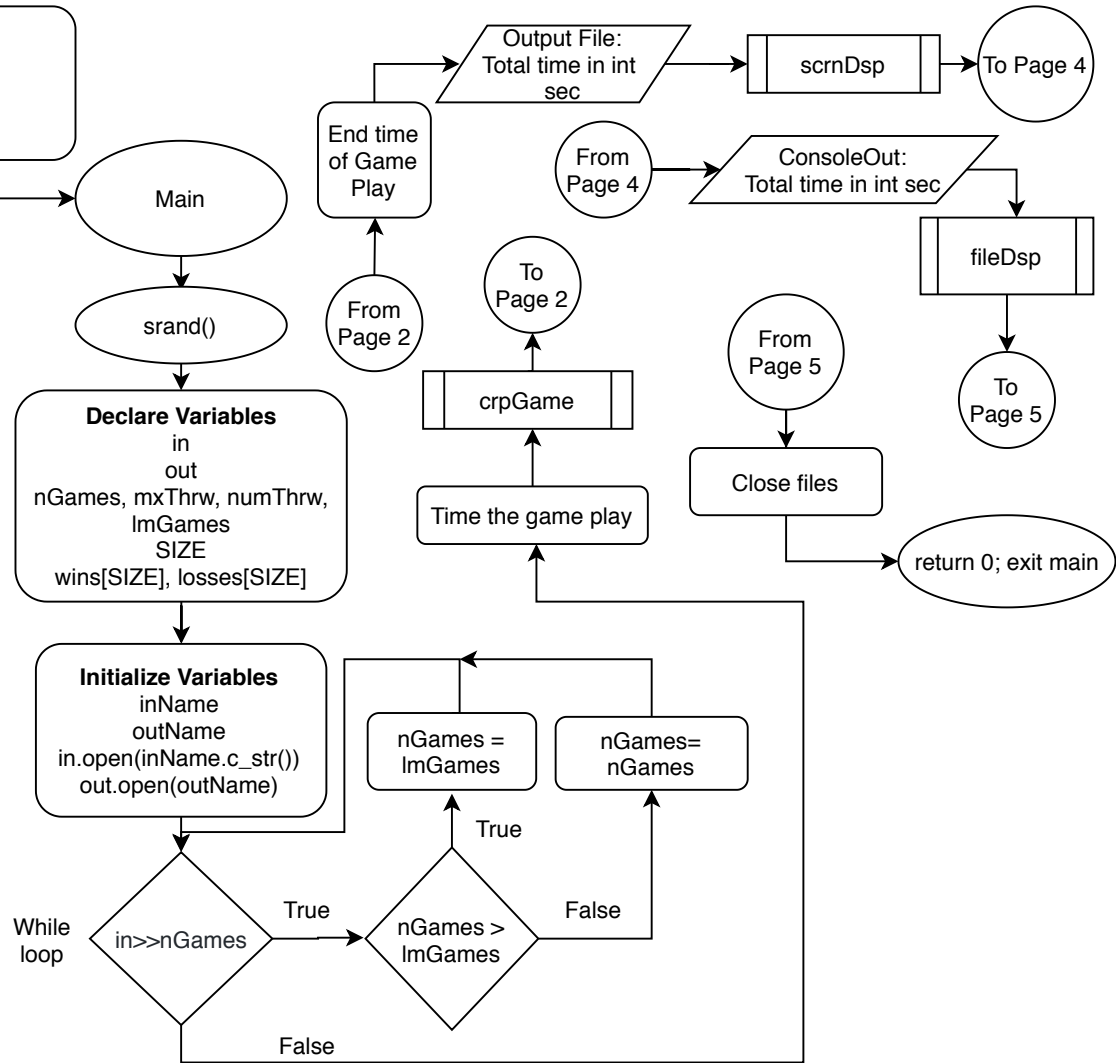
Author: Dr. Mark E. Lehr
Created on April 23rd, 2018, 11:42 AM
Purpose: Project 2 - Simulate a Craps Game.
Implement Arrays

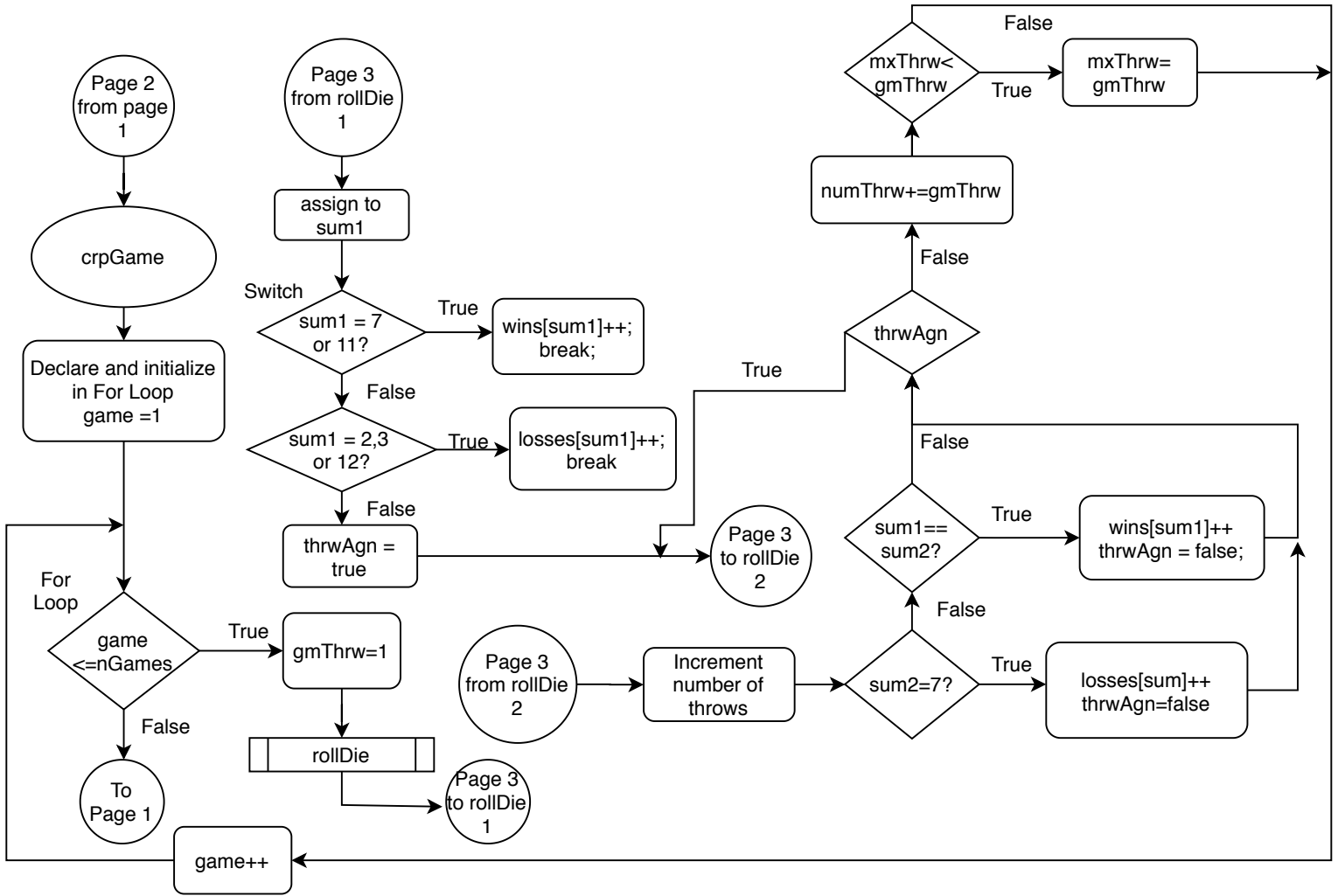
System Libraries
I/O Objects
Time for Rand
Srand to set seed
File I/O
Format Output
Strings
Math functions
Standard namespace

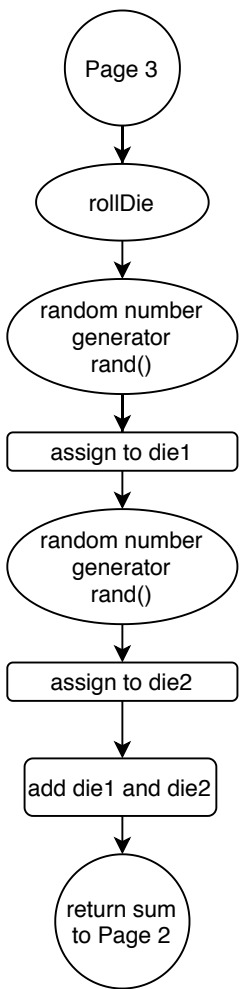
User Libraries
None

Global Constants
const float PERCENT

Function Prototypes
char, Roll the Dice
void File Display
void Screen Display
void Play Craps







scrnDsp

Console output:
fixed,
setprecision(2),
showpoint

Console output:
total number of
games

Console output:
Roll Wins
Losses

Declaration in For
Loop
sum =2

sum < SIZE

True

sWins+=wins[sum]
sLosses+=losses[sum]

Console Output:
setw, sum, wins[sum]
losses[sum]

sum++

Console Output:
Total wins and
losses

Console Output:
Percentage wins

Percentage Wins
calculation

Console Output:
Percentage
Losses

Percentage Losses
calculation

Console Output:
Max number
of throws

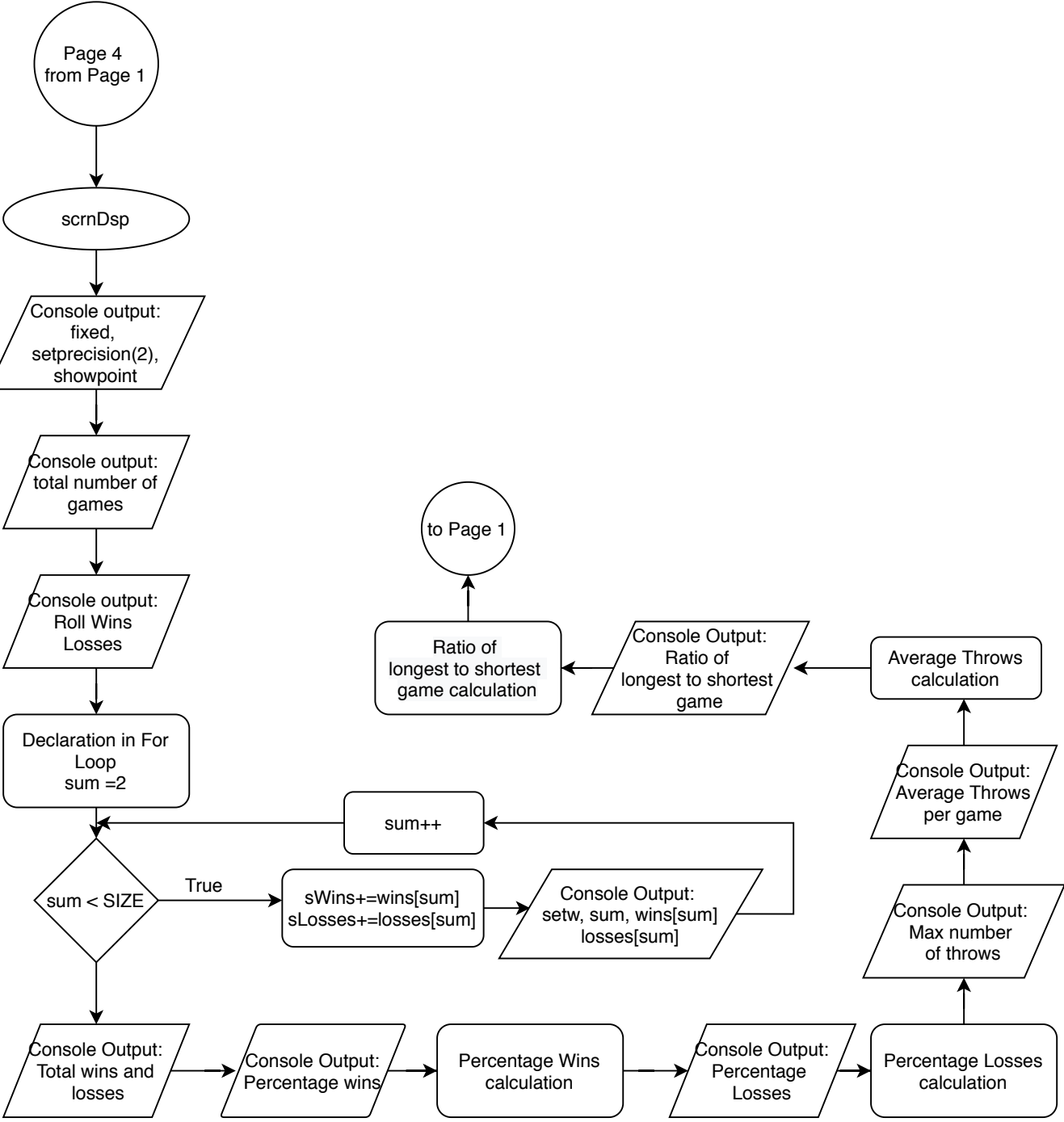
Console Output:
Average Throws
per game

Average Throws
calculation

Console Output:
Ratio of
longest to shortest
game

Ratio of
longest to shortest
game calculation

to Page 1



fileDsp

Output file:
fixed,
setprecision(2),
showpoint

Output file:
total number of
games

Output file:
Roll Wins
Losses

Declaration in For
Loop
sum =2

sum < SIZE

True

sWins+=wins[sum]
sLosses+=losses[sum]

Output file:
setw, sum, wins[sum]
losses[sum]

sum++

Output file:
Total wins and
losses

Output file:
Percentage wins

Percentage Wins
calculation

Output file:
Percentage
Losses

Percentage Losses
calculation

Output file:
Max number
of throws

Output file:
Average Throws
per game

Average Throws
calculation

Output file:
Ratio of
longest to shortest
game

Ratio of
longest to shortest
game calculation

to Page 1

