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Purpose: Craps Program Flowchart

System Libraries  
iostream  
ctime  
cstdlib  
fstream  
iomanip  
string  
cmath  
standard namespace

Global Constants  
PERCENT = 100.0f

Function Prototypes  
rollDie  
FileDsp  
crpGame

main

set random number  
seed with srand

A

Declare Variables  
in  
out  
nGames  
mxThrw  
numthrw  
lmGames  
SIZE  
wins  
losses

Initialize Variables  
outName = GameInfo.dat  
outName = GameStats.dat

open the in and out files

Read in values to nGames from  
in using while loop

set limit of nGames to  
lmGames

while(in >>  
nGames

in is read into  
nGames

limit bGames to lmGames

B

nGames >  
lmGames

True

nGames =  
lmGames

False

nGames = nGames

Declare variable  
beg = time(0)

call crpGame to  
play game

Declare Variable  
end = time(0)

Output total time  
played(end - beg)

call scrnDsp  
to display game  
statistics

output total time  
played(end - beg)

call fileDsp to  
send game  
statistics to out

Close the files

Exit stage right



