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Terminal Shell Edit View Window Help
Desktop — assignment — 181x53
Gaoyangs-MacBook-Pro:Desktop Helicopter$ g++ assignment1-b1.cpp -o assignment
Gaoyangs-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:8
dice number:7
balance:900      wager:200
dice number:5
dice number:9
dice number:6
dice number:10
dice number:6
dice number:7
balance:700      wager:400
dice number:5
dice number:5
balance:1100     wager:100
dice number:2
balance:1000     wager:200
dice number:8
dice number:10
dice number:7
balance:800      wager:400
dice number:9
dice number:9
balance:1200     wager:100
dice number:5
dice number:7
balance:1100     wager:200
dice number:10
dice number:11
dice number:9
dice number:9
dice number:9
dice number:8
dice number:10
balance:1300     wager:100
dice number:6
dice number:4
dice number:6
balance:1400     wager:100
dice number:8
dice number:2
dice number:5
dice number:9
dice number:6
dice number:9
dice number:7
balance:1300     wager:200
Game Over!
Your balance left 1300 after 10 games.
Gaoyangs-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:5
dice number:11
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Desktop — assignment — 181x53
dice number:7
balance:1300     wager:200
Game Over!
Your balance left 1300 after 10 games.
Gaoyangs-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:5
dice number:11
dice number:6
dice number:7
balance:900      wager:200
dice number:7
balance:1100     wager:100
dice number:6
dice number:3
dice number:4
dice number:9
dice number:7
balance:1000     wager:200
dice number:4
dice number:9
dice number:7
balance:800      wager:400
dice number:7
balance:1200     wager:100
dice number:12
balance:1100     wager:200
dice number:2
balance:900      wager:400
dice number:10
dice number:9
dice number:4
dice number:3
dice number:4
dice number:11
dice number:2
dice number:7
balance:500      wager:800
dice number:12
balance:0        wager:1000
Game Over!
You have no money left!
Gaoyangs-MacBook-Pro:Desktop Helicopter$ ./assignment
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Terminal Shell Edit View Window Help
Desktop — assignment — 181x53

dice number:11
dice number:2
dice number:7
balance:500      wager:800
dice number:12
balance:9        wager:1000
Game Over!
You have no money left!

Gaoyang-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:2      wager:200
dice number:4
dice number:8
dice number:7
balance:700      wager:400
dice number:11
balance:1100     wager:100
dice number:9
dice number:9
balance:1200     wager:100
dice number:11
balance:1300     wager:100
dice number:9
dice number:3
dice number:6
dice number:5
dice number:5
dice number:5
dice number:3
dice number:3
dice number:6
dice number:4
dice number:7
balance:1200     wager:200
dice number:10
dice number:5
dice number:5
dice number:6
dice number:10
balance:1400     wager:100
dice number:11
balance:1500     wager:100
dice number:4
dice number:5
dice number:7
balance:1400     wager:200
dice number:11
balance:1600     wager:100
Game Over!
Your balance left 1600 after 10 games.
Gaoyang-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:8
```

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Terminal Shell Edit View Window Help
Desktop — assignment — 181x53

dice number:7
balance:1100     wager:100
dice number:9
dice number:6
dice number:11
dice number:6
dice number:3
dice number:7
balance:1800     wager:200
dice number:8
dice number:4
dice number:9
dice number:7
balance:800      wager:400
dice number:10
dice number:10
balance:1200     wager:100
dice number:10
dice number:8
dice number:6
dice number:6
dice number:9
dice number:11
dice number:7
balance:1100     wager:200
dice number:10
dice number:3
dice number:5
dice number:7
balance:900      wager:400
dice number:9
dice number:5
dice number:3
dice number:9
balance:1300     wager:100
dice number:5
dice number:6
dice number:10
dice number:5
balance:1400     wager:100
dice number:4
dice number:11
dice number:9
dice number:6
dice number:6
dice number:10
dice number:8
dice number:10
dice number:3
dice number:4
balance:1500     wager:100
Game Over!
Your balance left 1500 after 10 games.
```

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Terminal Shell Edit View Window Help
Desktop — assignment — 181x53
dice number:6
dice number:8
dice number:10
dice number:8
dice number:3
dice number:4
balance:1500  wager:100
Game Over!
Your balance left 1500 after 10 games.
Gaoyang's-MacBook-Pro:Desktop Helicopter$ ./assignment
dice number:5
dice number:6
balance:1100  wager:100
dice number:9
dice number:6
dice number:7
balance:1000  wager:200
dice number:9
dice number:10
dice number:5
dice number:5
dice number:6
dice number:3
dice number:6
dice number:4
dice number:4
dice number:7
balance:800  wager:400
dice number:6
dice number:7
balance:400  wager:800
dice number:7
balance:800  wager:100
dice number:12
balance:700  wager:200
dice number:9
dice number:10
dice number:9
balance:900  wager:100
dice number:7
balance:1000  wager:100
dice number:8
dice number:18
balance:1100  wager:100
dice number:4
dice number:10
dice number:9
dice number:5
dice number:7
balance:1000  wager:200
Game Over!
Your balance left 1000 after 10 games.
```

The Output for the Martingale System is:

Money Left	Round
1300	10
0	9
1600	10
1500	10
1000	10