

[This document contains a sample of running the GameOfPig with user interaction for one entire game. Anything the user has typed as input is in red. The first player to at least 100 points wins.]

Round 1

You rolled 4. Your total so far is 4.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you loose all your points from this round.

Your total this round is 0

The Computer rolled 3. The Computer's total so far is 3.

The Computer rolled 2. The Computer's total so far is 5.

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 1 rounds is:

Computer: 0 You: 0

Round 2

You rolled 5. Your total so far is 5.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 10.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 15.

Do you want to roll again? (y or n)

n

Your total this round is 15

The Computer rolled 3. The Computer's total so far is 3.

The Computer rolled 5. The Computer's total so far is 8.

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 2 rounds is:

Computer: 0 You: 15

Round 3

You rolled 3. Your total so far is 3.

Do you want to roll again? (y or n)

y

You rolled 3. Your total so far is 6.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 11.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you loose all your points from this round.

Your total this round is 0

The Computer rolled 5. The Computer's total so far is 5.

The Computer rolled 3. The Computer's total so far is 8.

The Computer rolled 2. The Computer's total so far is 10.

The Computer rolled 5. The Computer's total so far is 15.

The Computer's total this round is 15

The score after 3 rounds is:

Computer: 15 You: 15

Round 4

You rolled 4. Your total so far is 4.

Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 6.

Do you want to roll again? (y or n)

y

You rolled 3. Your total so far is 9.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you loose all your points from this round.

Your total this round is 0

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 4 rounds is:
Computer: 15 You: 15

Round 5

You rolled 1. Your turn is over and you loose all your points from this round.
Your total this round is 0

The Computer rolled 2. The Computer's total so far is 2.
The Computer rolled 3. The Computer's total so far is 5.
The Computer rolled 3. The Computer's total so far is 8.
The Computer rolled 2. The Computer's total so far is 10.
The Computer's total this round is 10

The score after 5 rounds is:
Computer: 25 You: 15

Round 6

You rolled 2. Your total so far is 2.
Do you want to roll again? (y or n)
y
You rolled 5. Your total so far is 7.
Do you want to roll again? (y or n)
y
You rolled 2. Your total so far is 9.
Do you want to roll again? (y or n)
n
Your total this round is 9

The Computer rolled 5. The Computer's total so far is 5.
The Computer rolled 3. The Computer's total so far is 8.
The Computer rolled 4. The Computer's total so far is 12.
The Computer rolled 3. The Computer's total so far is 15.
The Computer's total this round is 15

The score after 6 rounds is:
Computer: 40 You: 24

Round 7

You rolled 4. Your total so far is 4.

Do you want to roll again? (y or n)

y

You rolled 3. Your total so far is 7.

Do you want to roll again? (y or n)

y

You rolled 3. Your total so far is 10.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 15.

Do you want to roll again? (y or n)

n

Your total this round is 15

The Computer rolled 5. The Computer's total so far is 5.

The Computer rolled 3. The Computer's total so far is 8.

The Computer rolled 5. The Computer's total so far is 13.

The Computer rolled 1. The Computer's turn is over and the Computer loses all its points from this round.

The Computer's total this round is 0

The score after 7 rounds is:

Computer: 40 You: 39

Round 8

You rolled 2. Your total so far is 2.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you lose all your points from this round.

Your total this round is 0

The Computer rolled 1. The Computer's turn is over and the Computer loses all its points from this round.

The Computer's total this round is 0

The score after 8 rounds is:

Computer: 40 You: 39

Round 9

You rolled 5. Your total so far is 5.
Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 10.
Do you want to roll again? (y or n)

y

You rolled 3. Your total so far is 13.
Do you want to roll again? (y or n)

n

Your total this round is 13

The Computer rolled 1. The Computer's turn is over and the Computer
loses all its points from this round.
The Computer's total this round is 0

The score after 9 rounds is:
Computer: 40 You: 52

Round 10

You rolled 1. Your turn is over and you lose all your points from
this round.
Your total this round is 0

The Computer rolled 5. The Computer's total so far is 5.
The Computer rolled 2. The Computer's total so far is 7.
The Computer rolled 5. The Computer's total so far is 12.
The Computer rolled 1. The Computer's turn is over and the Computer
loses all its points from this round.
The Computer's total this round is 0

The score after 10 rounds is:
Computer: 40 You: 52

Round 11

You rolled 5. Your total so far is 5.
Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 10.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you loose all your points from this round.

Your total this round is 0

The Computer rolled 3. The Computer's total so far is 3.

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 11 rounds is:

Computer: 40 You: 52

Round 12

You rolled 5. Your total so far is 5.

Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 7.

Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 9.

Do you want to roll again? (y or n)

n

Your total this round is 9

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 12 rounds is:

Computer: 40 You: 61

Round 13

You rolled 4. Your total so far is 4.

Do you want to roll again? (y or n)

n

Your total this round is 4

The Computer rolled 3. The Computer's total so far is 3.
The Computer rolled 5. The Computer's total so far is 8.
The Computer rolled 2. The Computer's total so far is 10.
The Computer rolled 1. The Computer's turn is over and the Computer
looses all its points from this round.
The Computer's total this round is 0

The score after 13 rounds is:
Computer: 40 You: 65

Round 14

You rolled 5. Your total so far is 5.
Do you want to roll again? (y or n)
y
You rolled 5. Your total so far is 10.
Do you want to roll again? (y or n)
y
You rolled 5. Your total so far is 15.
Do you want to roll again? (y or n)
n
Your total this round is 15

The Computer rolled 4. The Computer's total so far is 4.
The Computer rolled 1. The Computer's turn is over and the Computer
looses all its points from this round.
The Computer's total this round is 0

The score after 14 rounds is:
Computer: 40 You: 80

Round 15

You rolled 1. Your turn is over and you loose all your points from
this round.
Your total this round is 0

The Computer rolled 3. The Computer's total so far is 3.
The Computer rolled 2. The Computer's total so far is 5.
The Computer rolled 1. The Computer's turn is over and the Computer
looses all its points from this round.
The Computer's total this round is 0

The score after 15 rounds is:

Computer: 40 You: 80

Round 16

You rolled 3. Your total so far is 3.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 8.

Do you want to roll again? (y or n)

y

You rolled 1. Your turn is over and you loose all your points from this round.

Your total this round is 0

The Computer rolled 1. The Computer's turn is over and the Computer looses all its points from this round.

The Computer's total this round is 0

The score after 16 rounds is:

Computer: 40 You: 80

Round 17

You rolled 2. Your total so far is 2.

Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 4.

Do you want to roll again? (y or n)

y

You rolled 5. Your total so far is 9.

Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 11.

Do you want to roll again? (y or n)

n

Your total this round is 11

The Computer rolled 3. The Computer's total so far is 3.

The Computer rolled 5. The Computer's total so far is 8.

The Computer rolled 2. The Computer's total so far is 10.

The Computer rolled 5. The Computer's total so far is 15.
The Computer's total this round is 15

The score after 17 rounds is:
Computer: 55 You: 91

Round 18

You rolled 4. Your total so far is 4.
Do you want to roll again? (y or n)

y

You rolled 2. Your total so far is 6.
Do you want to roll again? (y or n)

y

You rolled 4. Your total so far is 10.
Do you want to roll again? (y or n)

n

Your total this round is 10

The score after 18 rounds is:
Computer: 55 You: 101

Congratulations! You won.