

Recursive Backtracking Practice

11/12/2021

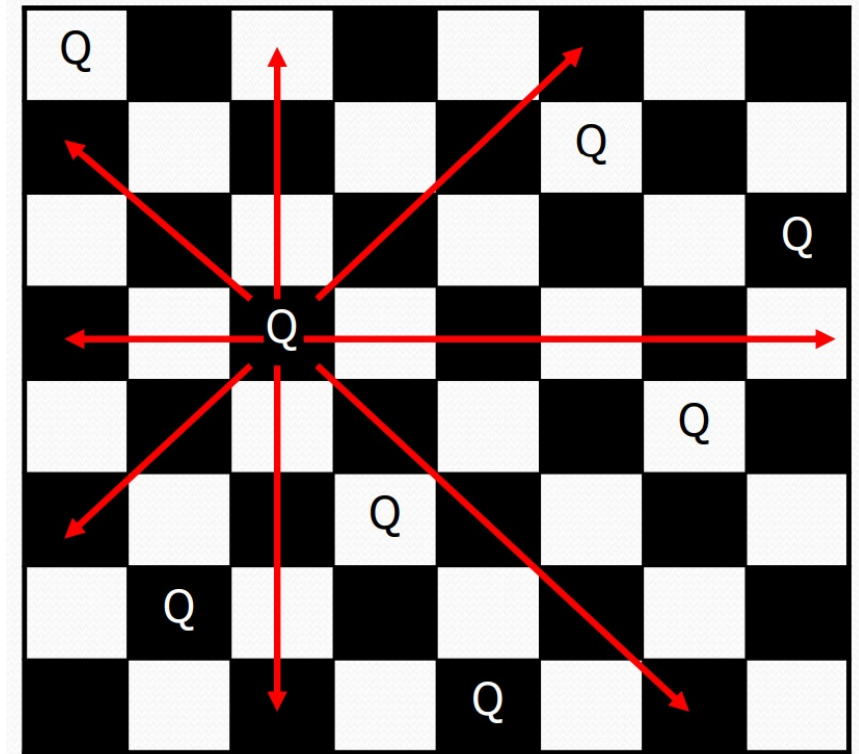
Administrivia

- Wrapping up our simulated midterm week!
- A6 (AnagramSolver) released

On Wednesday

```
diceSum(2, 7);
```

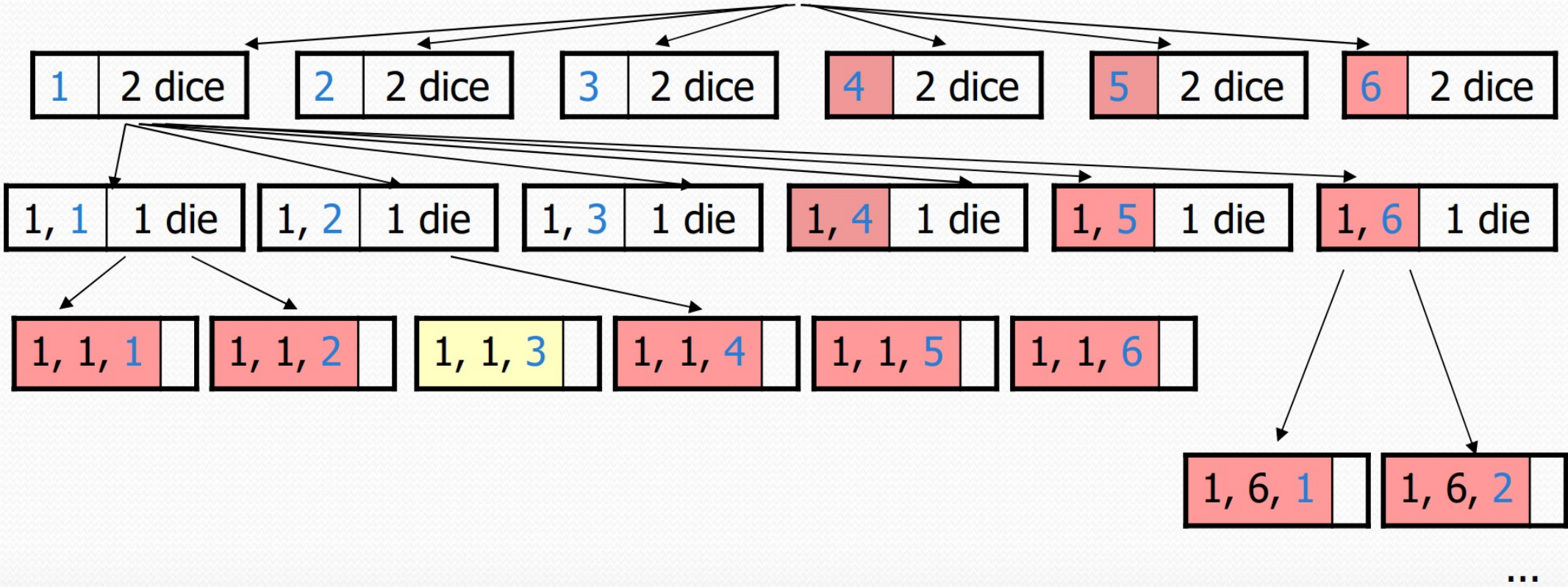
```
[1, 6]  
[2, 5]  
[3, 4]  
[4, 3]  
[5, 2]  
[6, 1]
```



8 Queens

Decision Trees

chosen	available	desired sum
-	3 dice	5



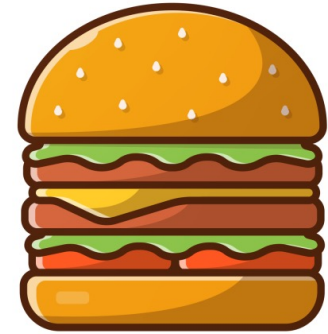
Spend all your Husky card money!



Balance: \$3



\$1



\$2



\$3



\$5

chosen: 📞
dollarsLeft: 3

Output:

chosen

Phone Number: 425-123-4567

chosen: 📞
dollarsLeft: 3

\$1

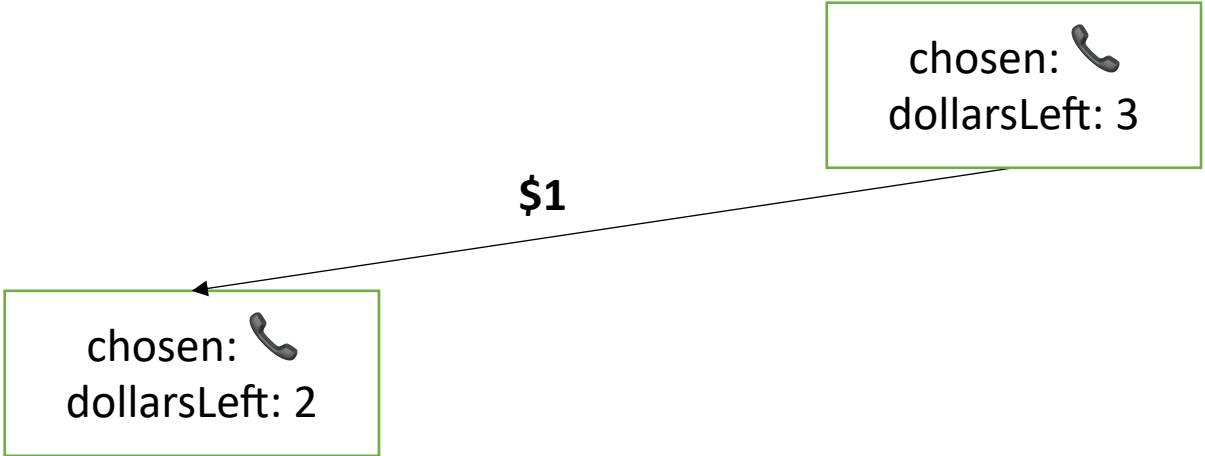


Output:

1

chosen

Phone Number: 425-123-4567

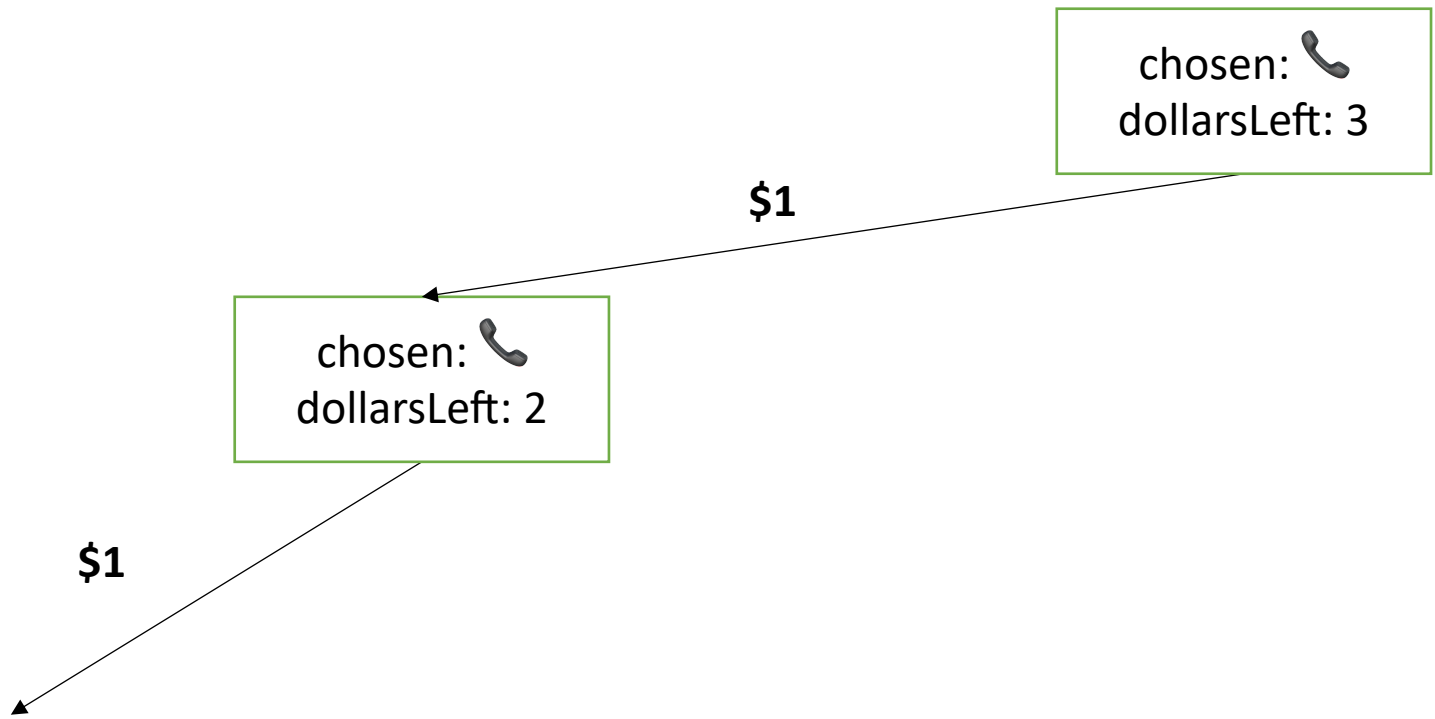


Output:

1

chosen

Phone Number: 425-123-4567

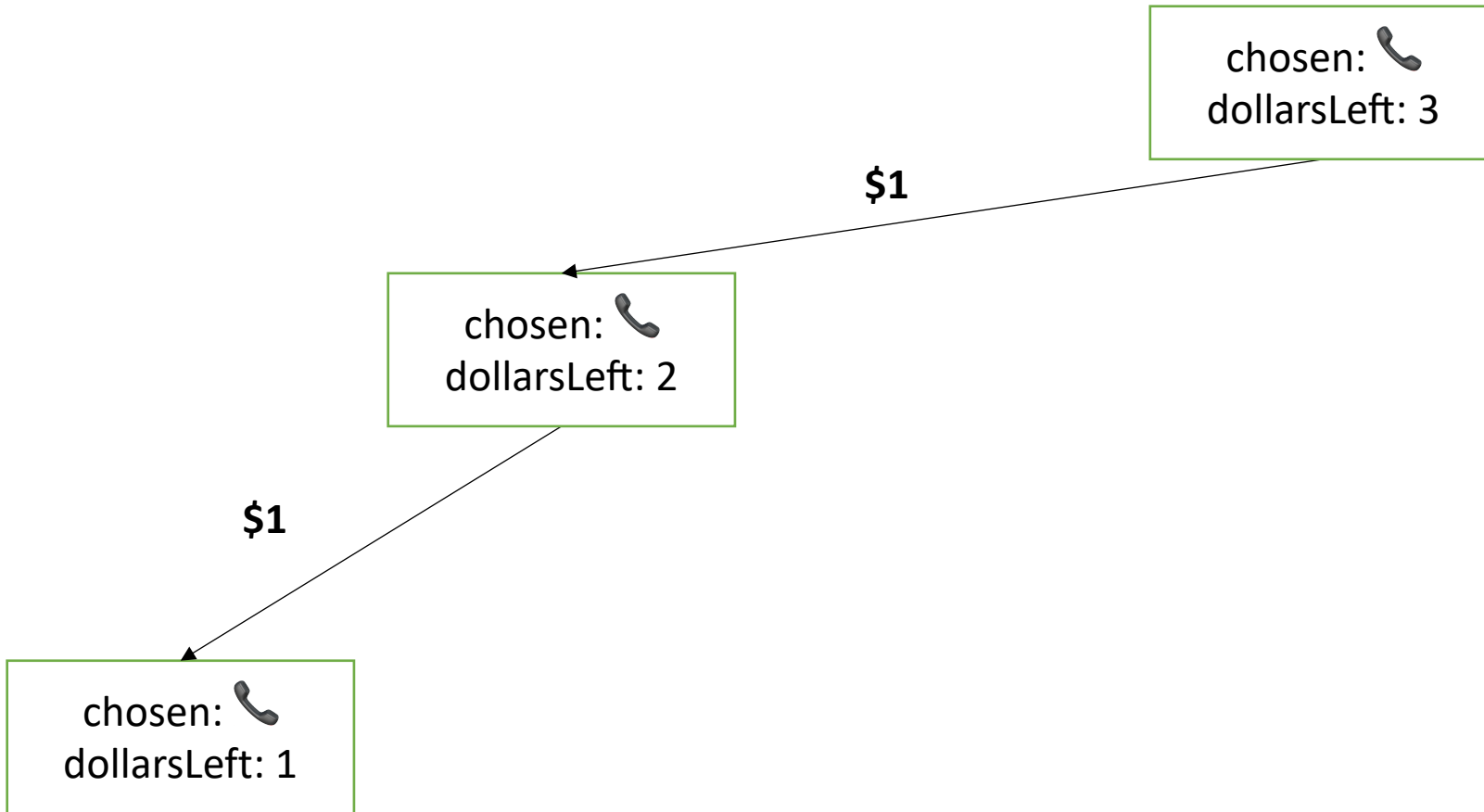


Output:

1 **1**

chosen

Phone Number: 425-123-4567

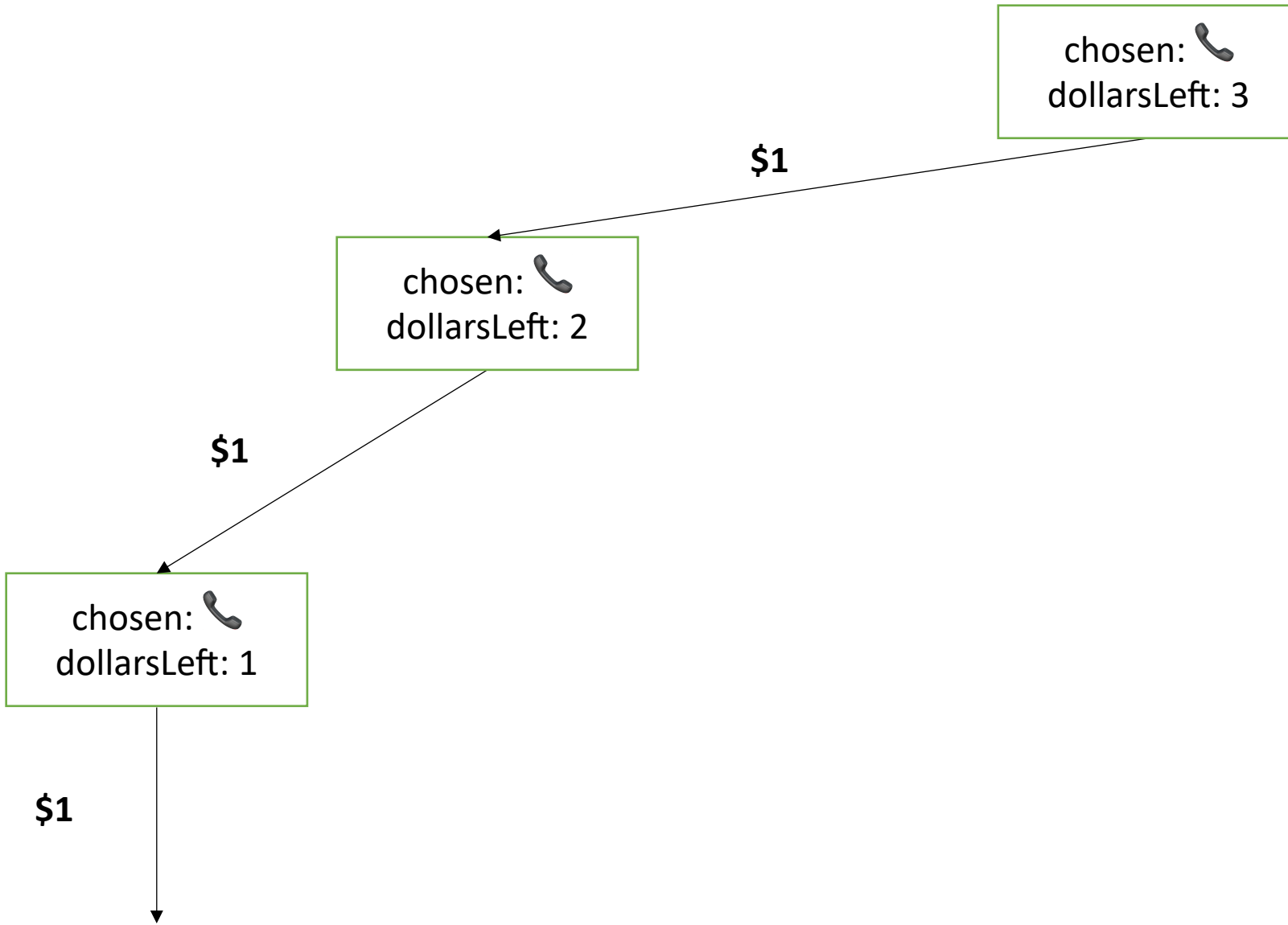


Output:

1 1

chosen

Phone Number: 425-123-4567

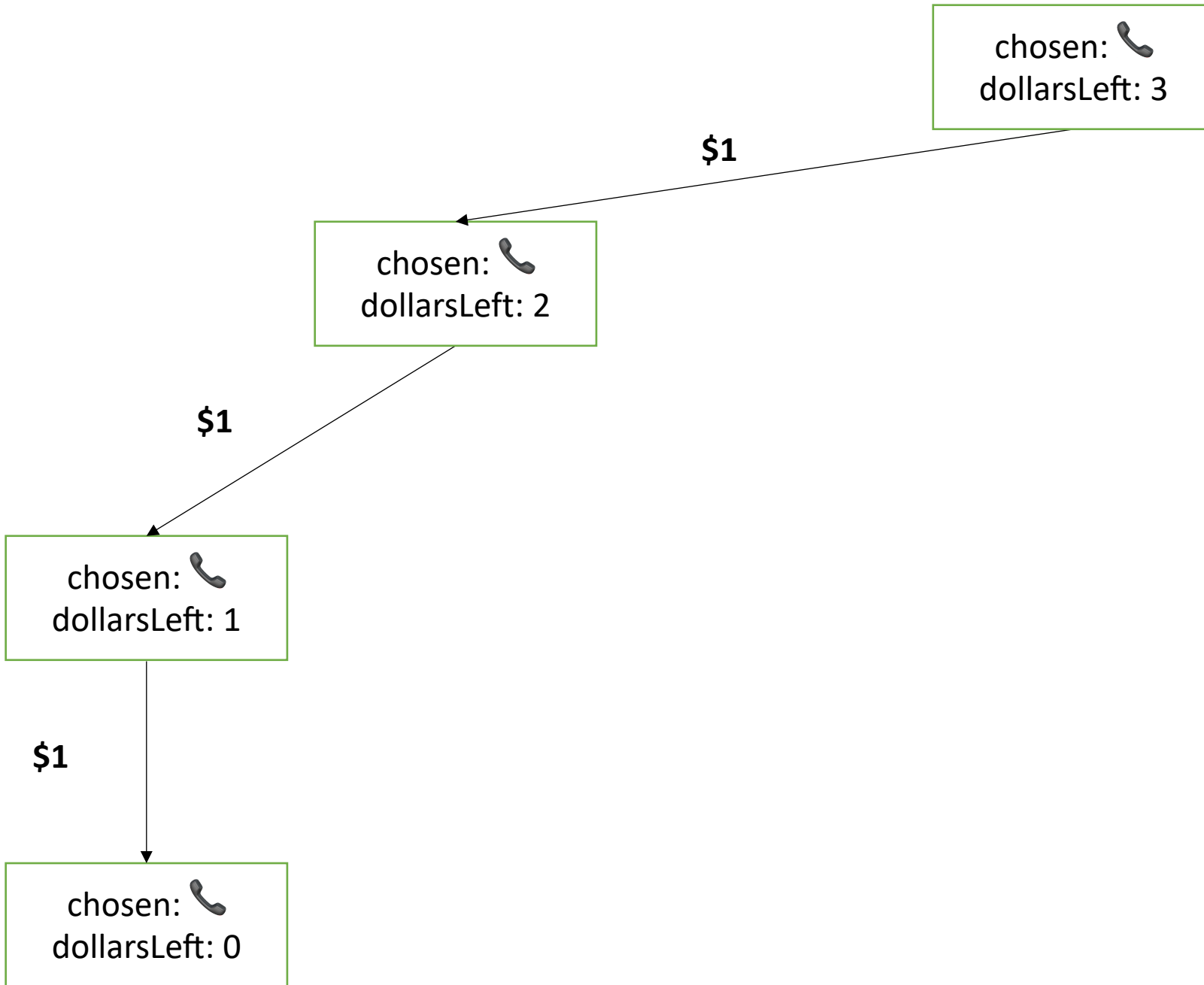


Output:

1 1 1

chosen

Phone Number: 425-123-4567

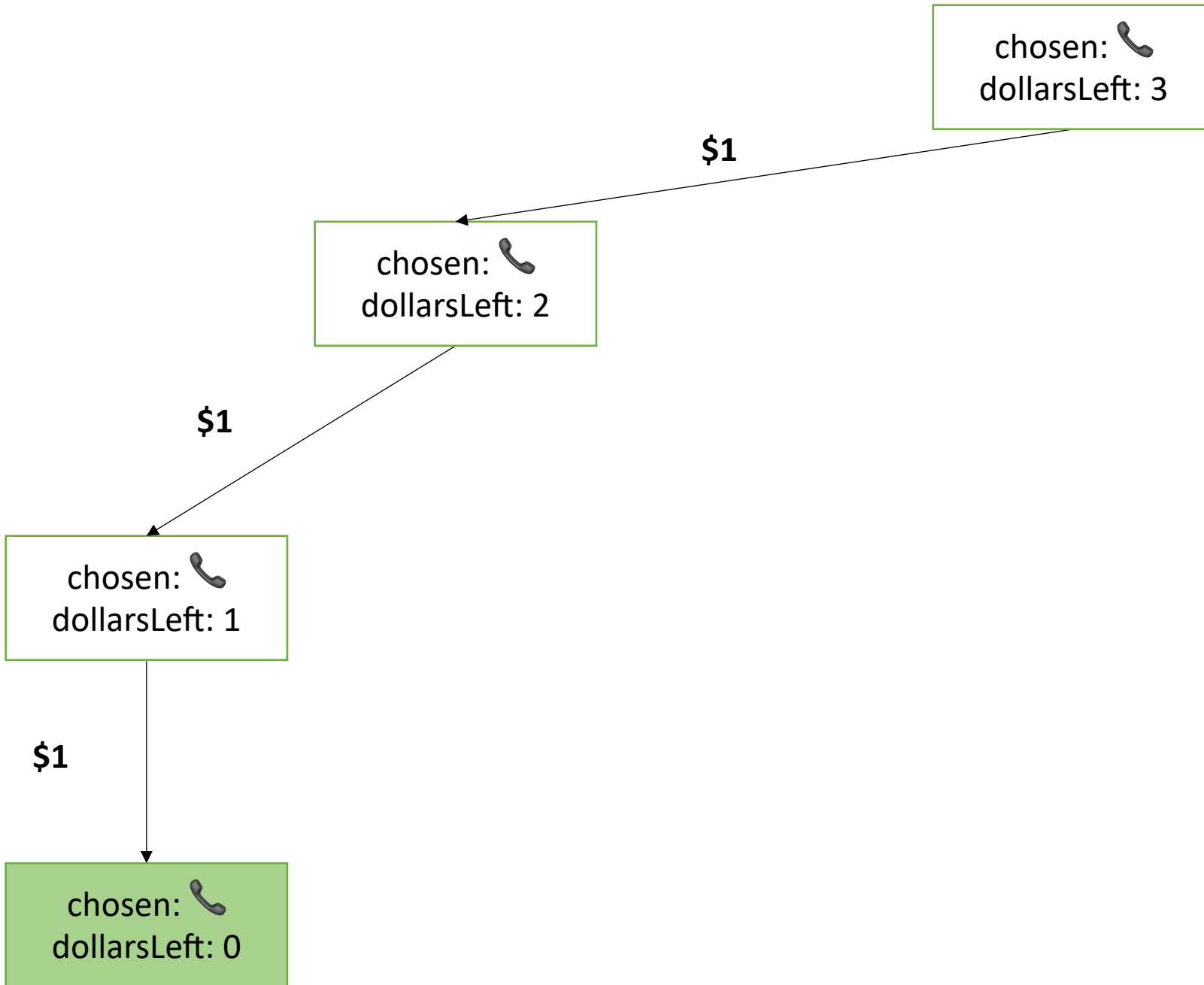


Output:

1 1 1

chosen

Phone Number: 425-123-4567

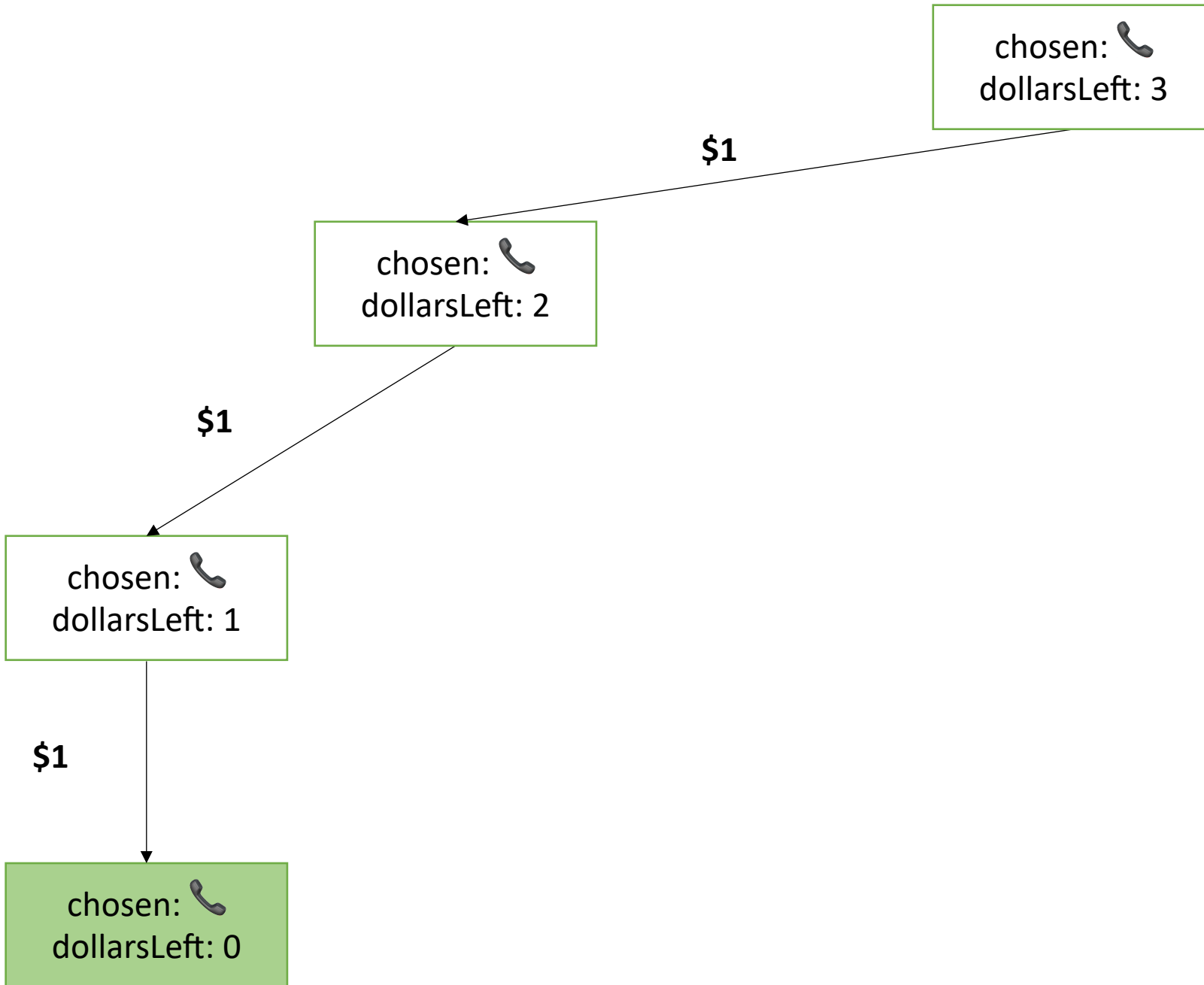


Output:

1 1 1

chosen

Phone Number: 425-123-4567

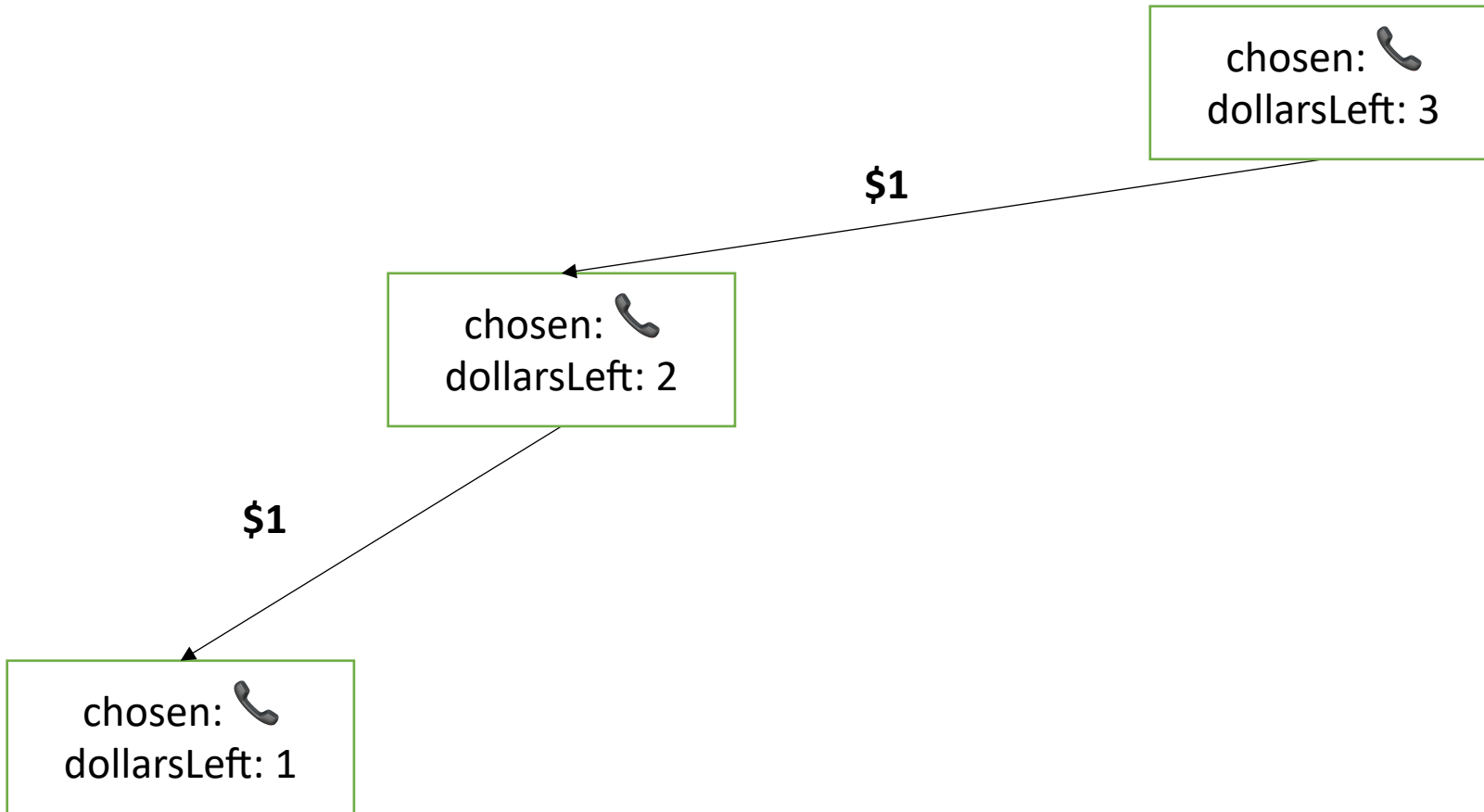


Output:
[1, 1, 1]

1 1 1

chosen

Phone Number: 425-123-4567

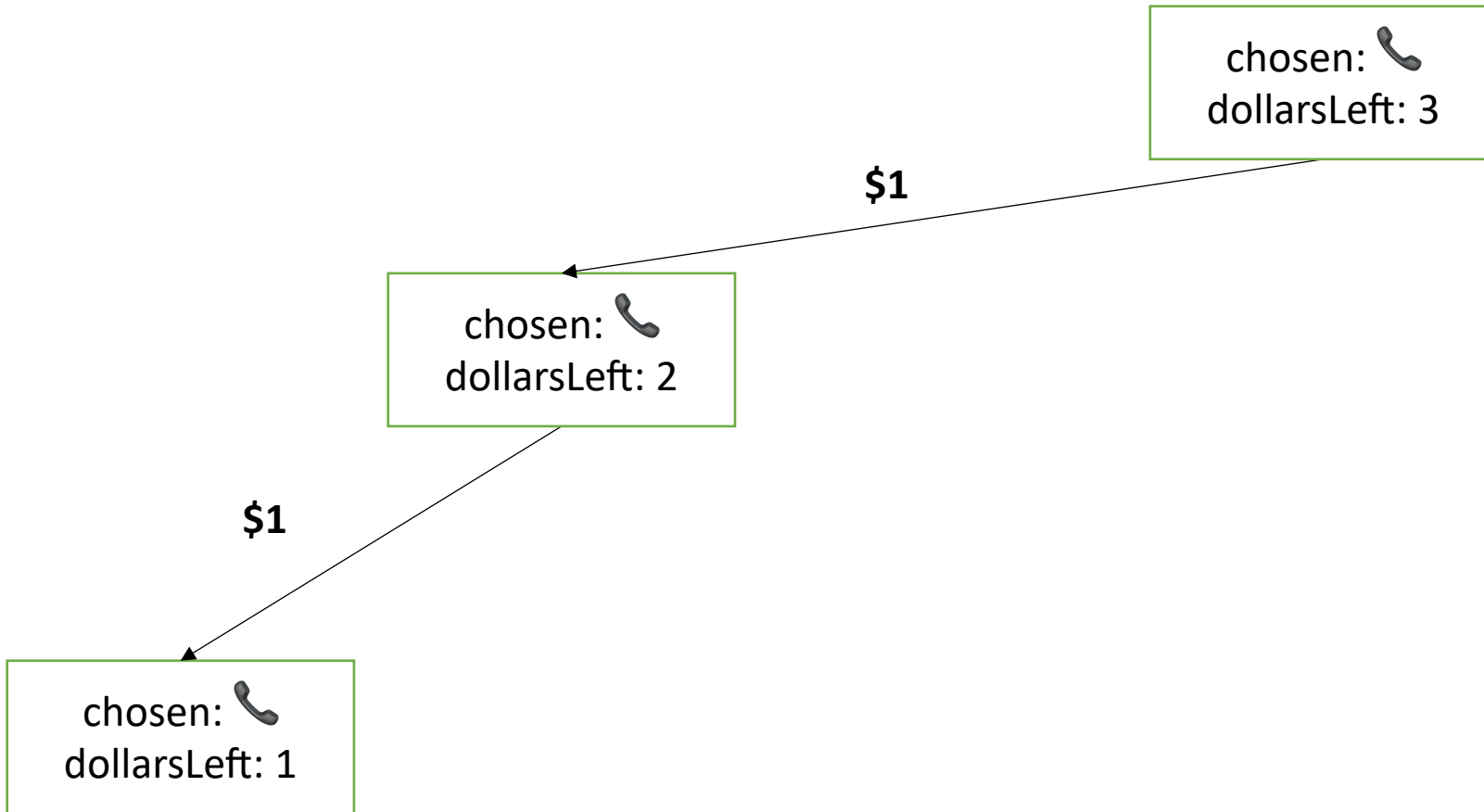


Output:
[1, 1, 1]

1 1 1

chosen

Phone Number: 425-123-4567

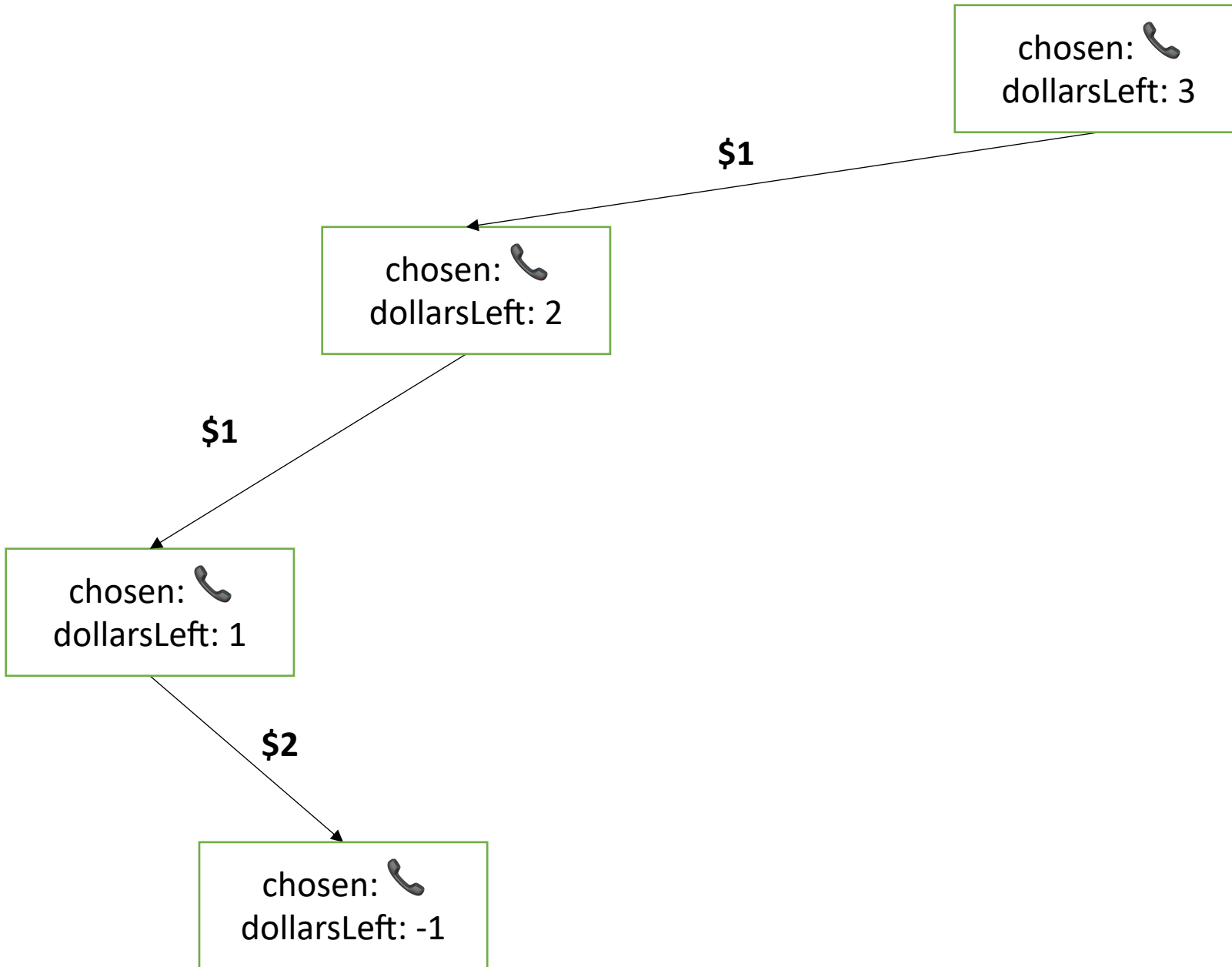


Output:
[1, 1, 1]

1 1

chosen

Phone Number: 425-123-4567

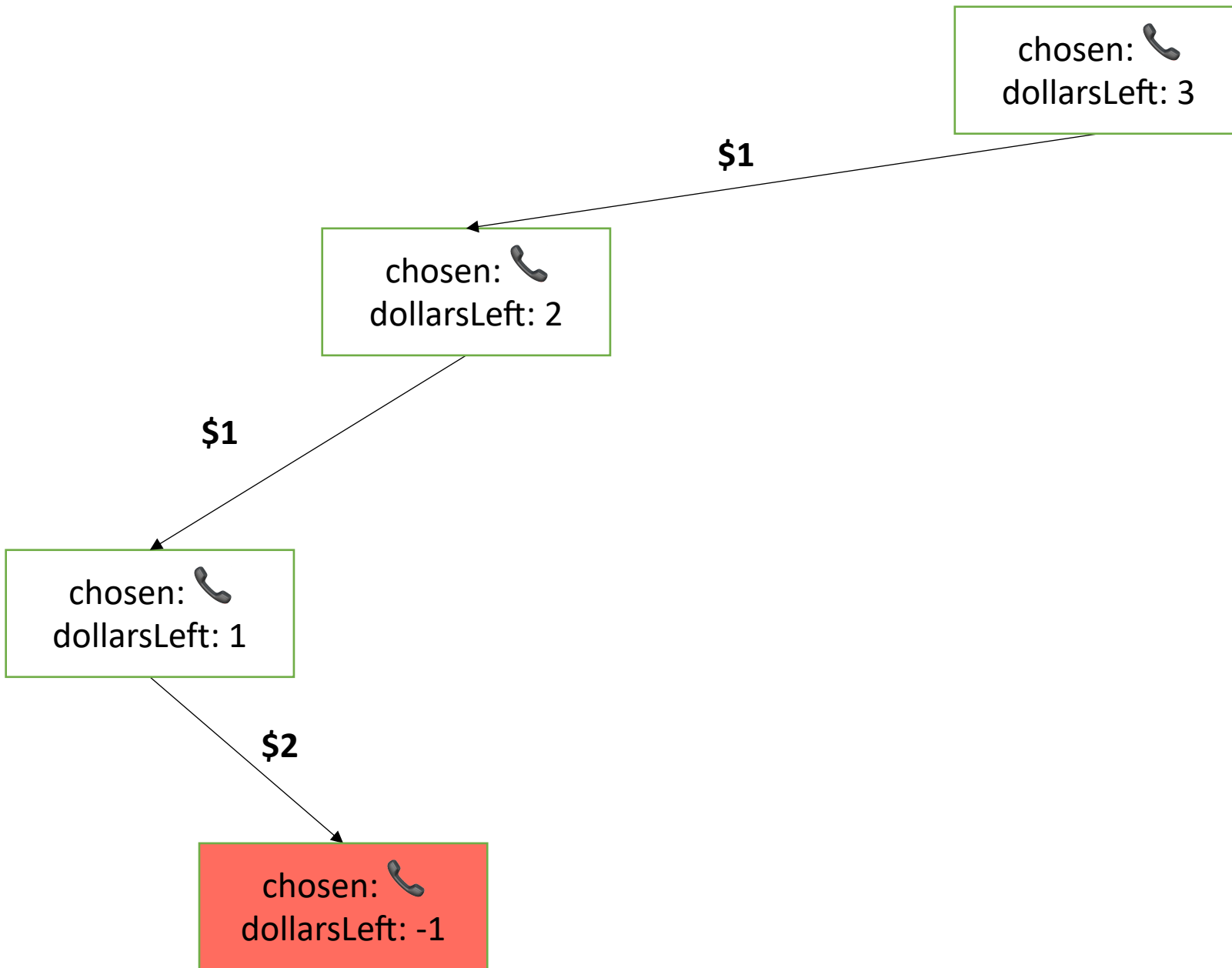


Output:
[1, 1, 1]

1 1 2

chosen

Phone Number: 425-123-4567

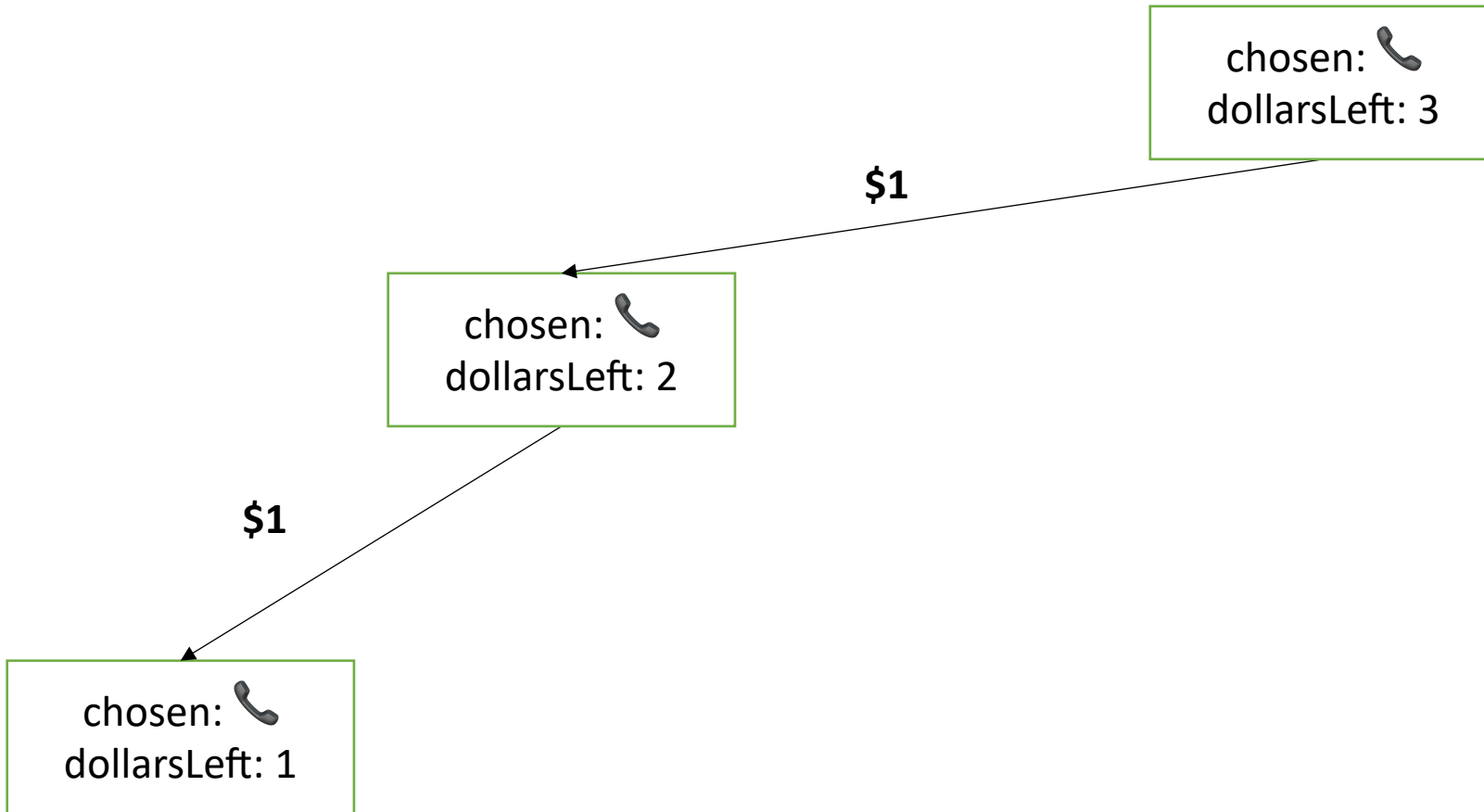


Output:
[1, 1, 1]

1 1 2

chosen

Phone Number: 425-123-4567

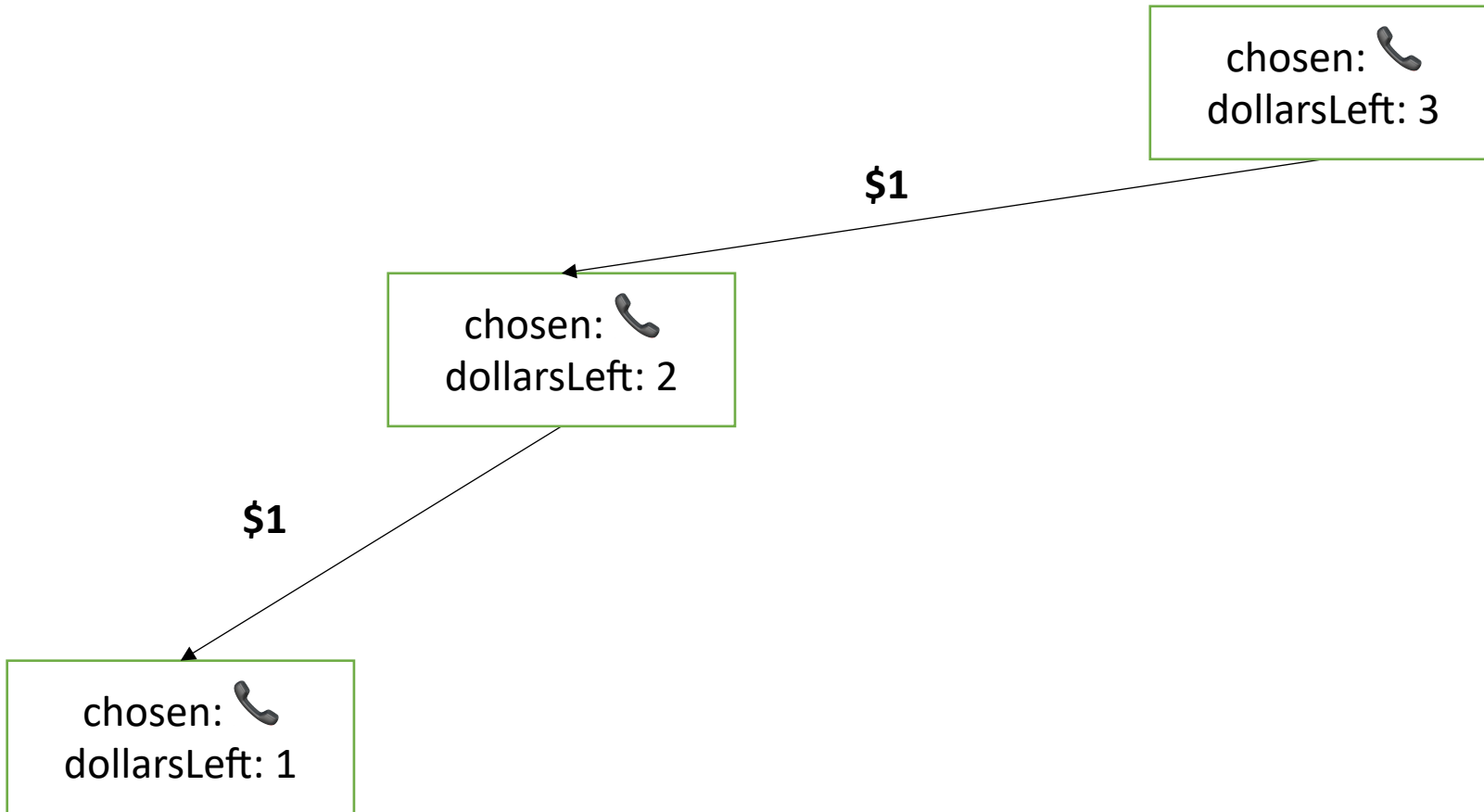


Output:
[1, 1, 1]

1 1 2

chosen

Phone Number: 425-123-4567

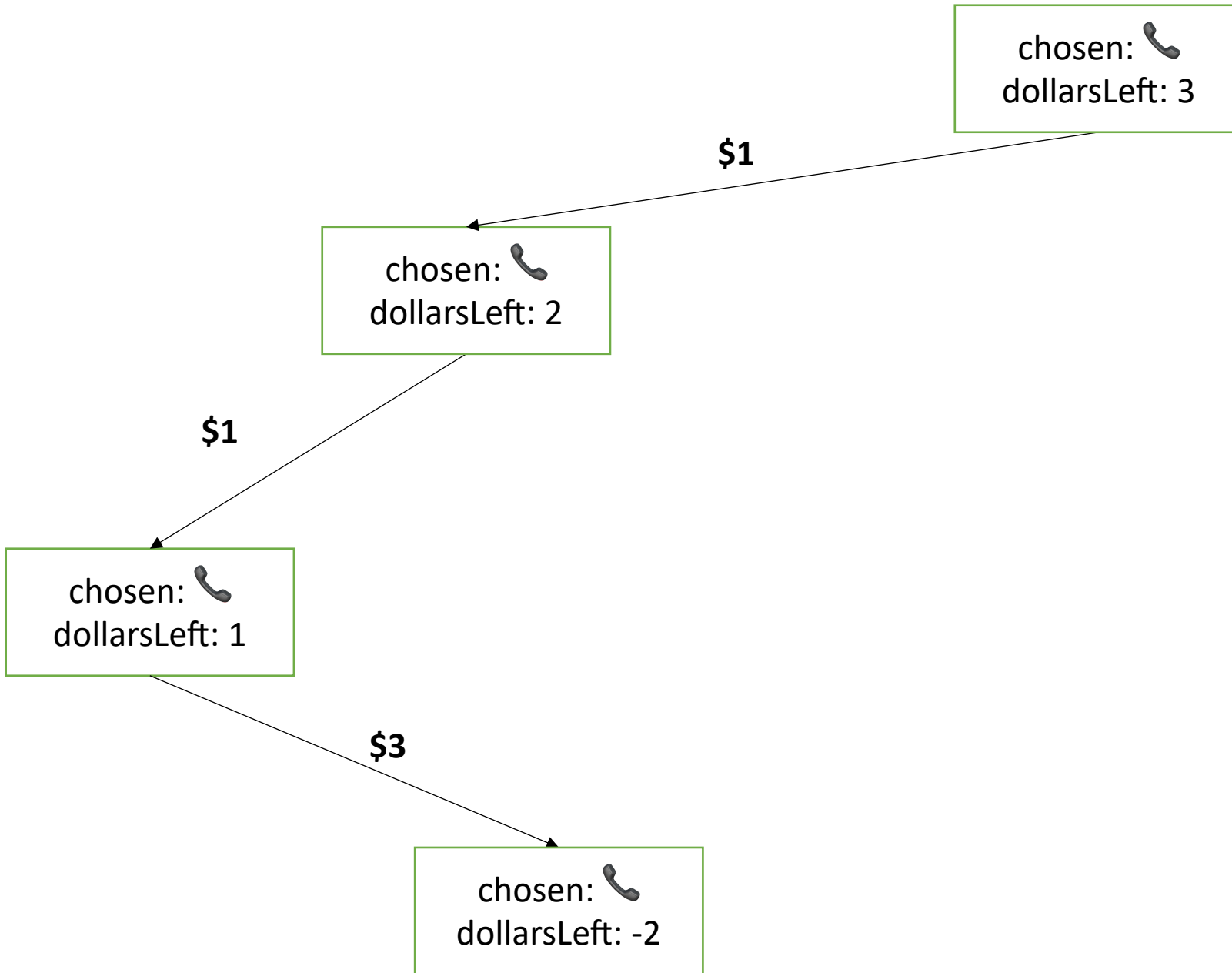


Output:
[1, 1, 1]

1 1

chosen

Phone Number: 425-123-4567

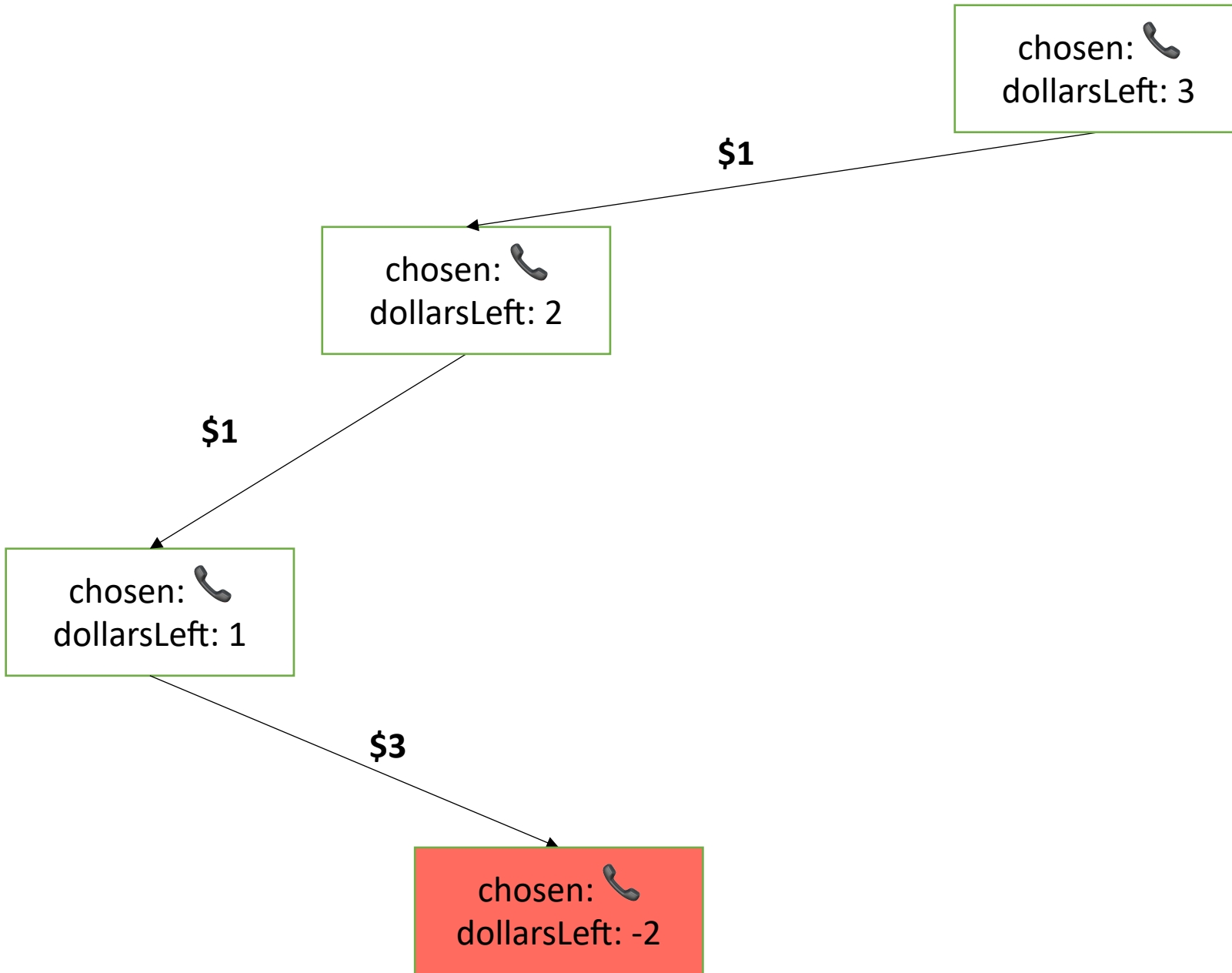


Output:
[1, 1, 1]

1 1 3

chosen

Phone Number: 425-123-4567

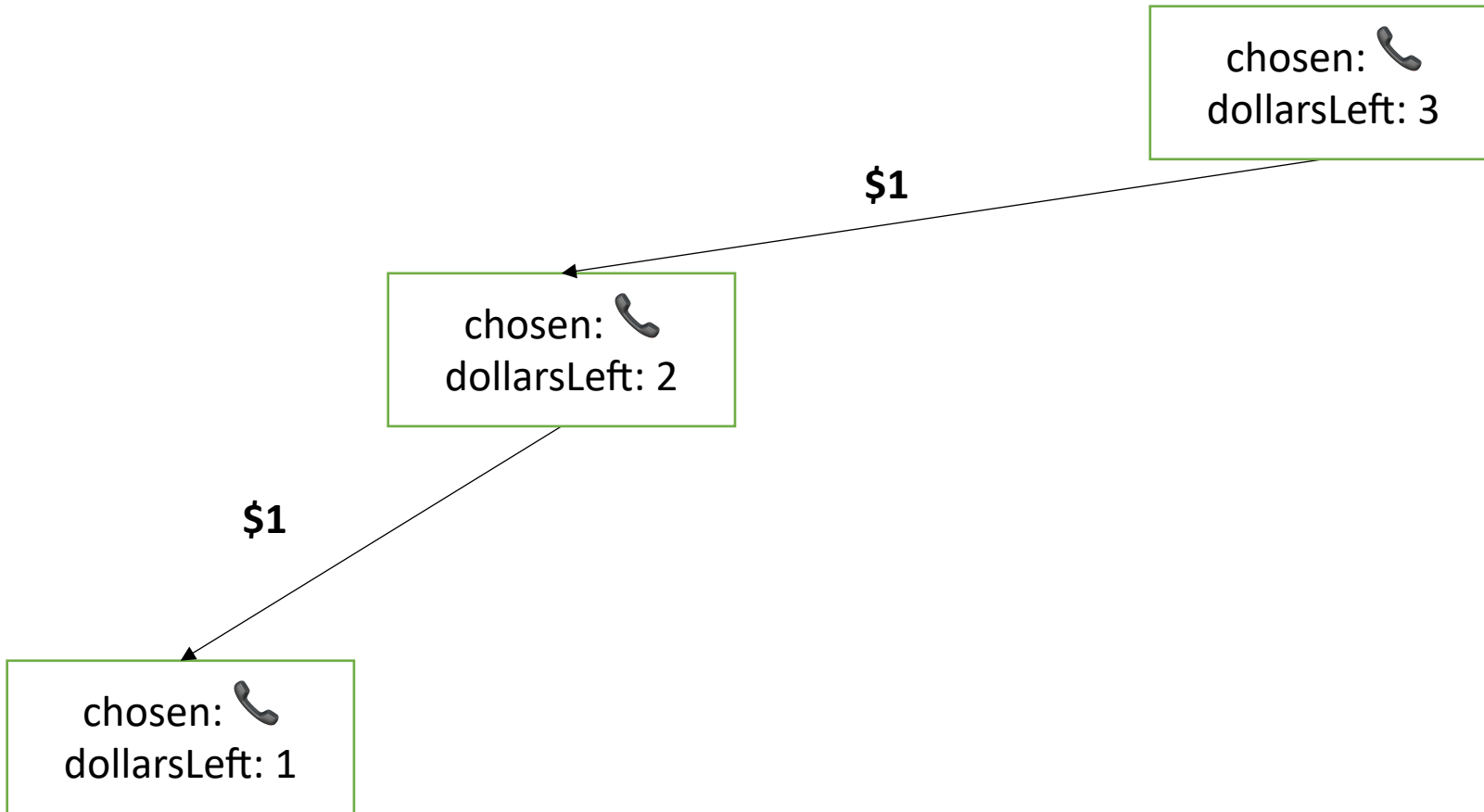


Output:
[1, 1, 1]

1 1 3

chosen

Phone Number: 425-123-4567

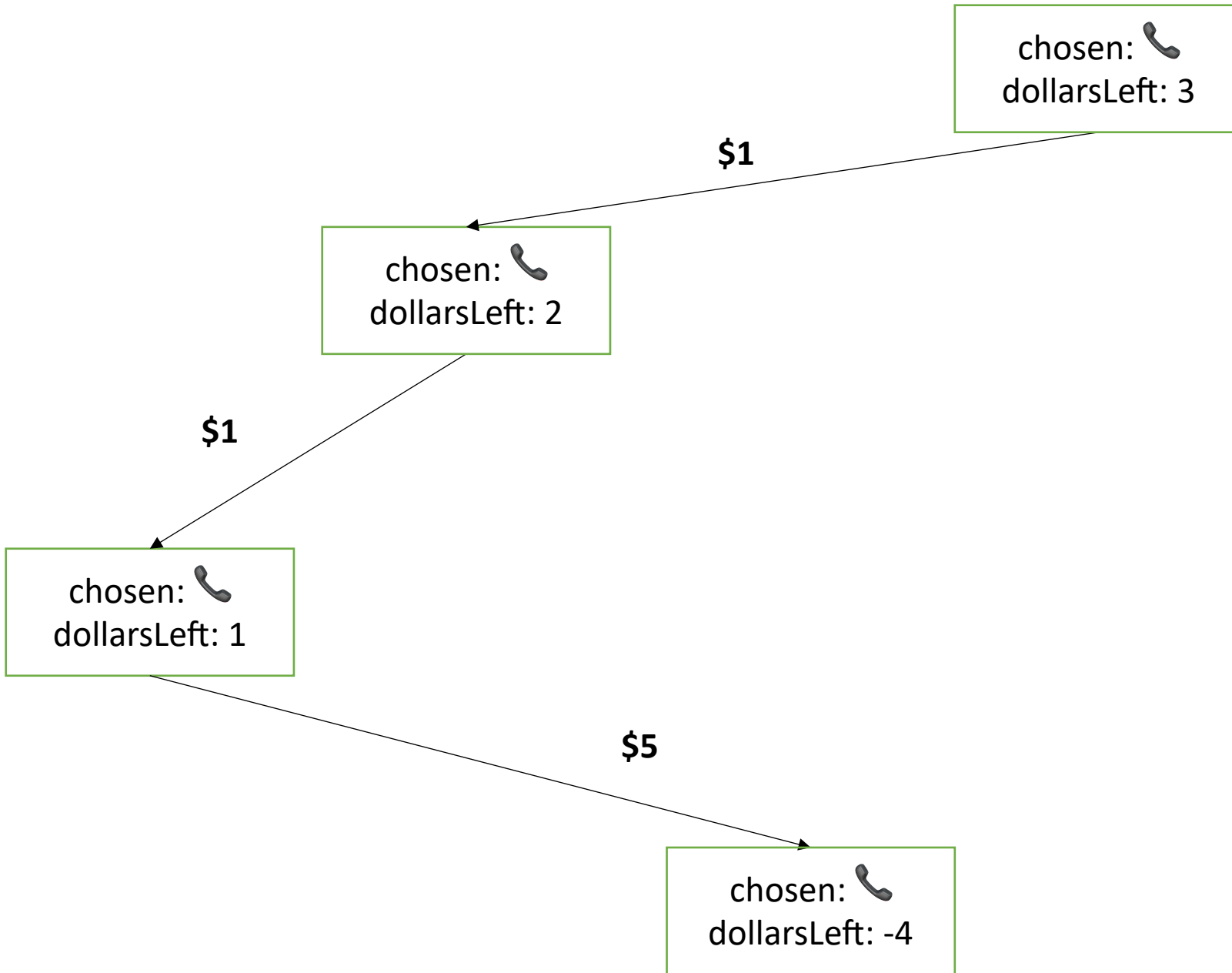


Output:
[1, 1, 1]

1 1

chosen

Phone Number: 425-123-4567

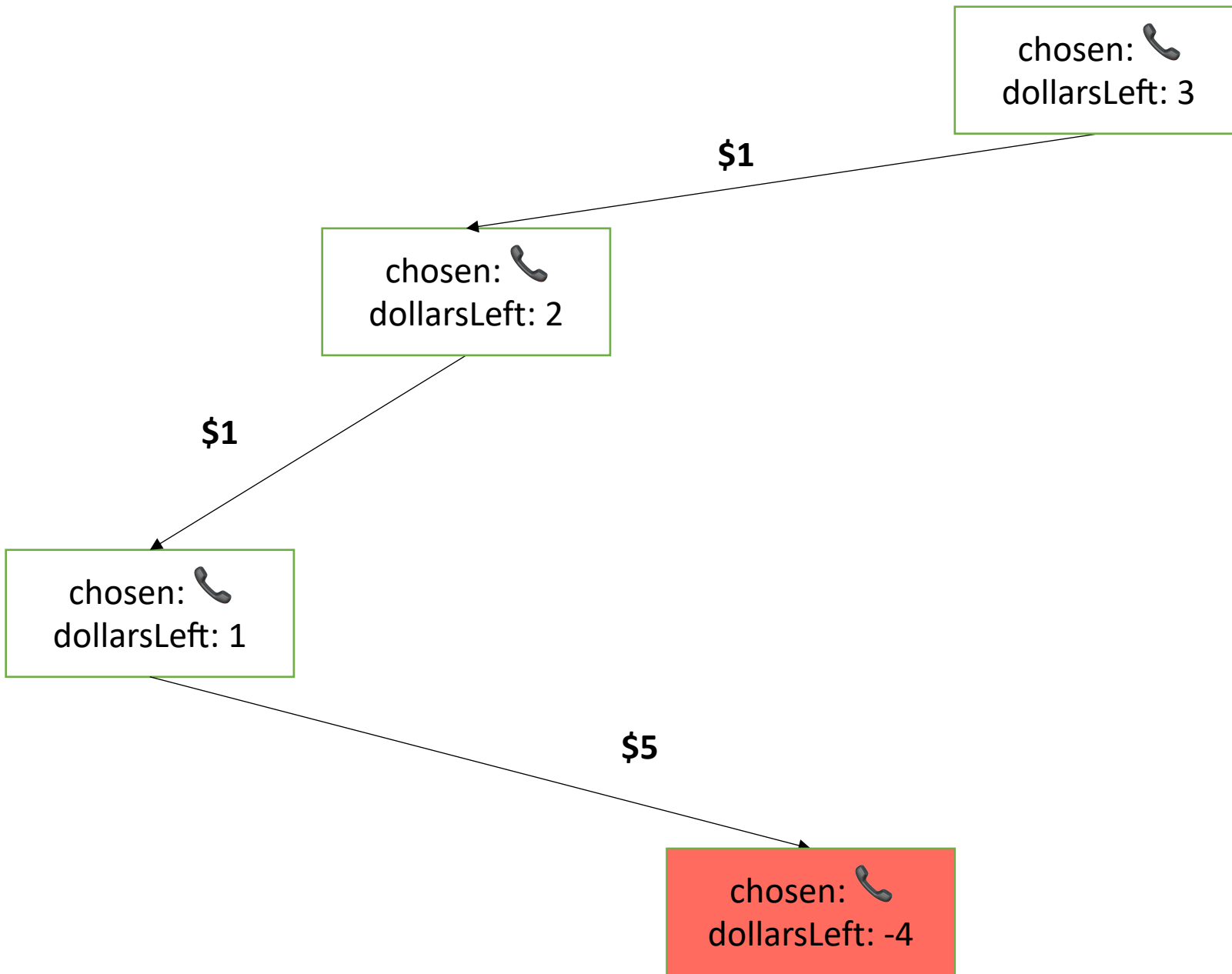


Output:
[1, 1, 1]

1 **1** **5**

chosen

Phone Number: 425-123-4567

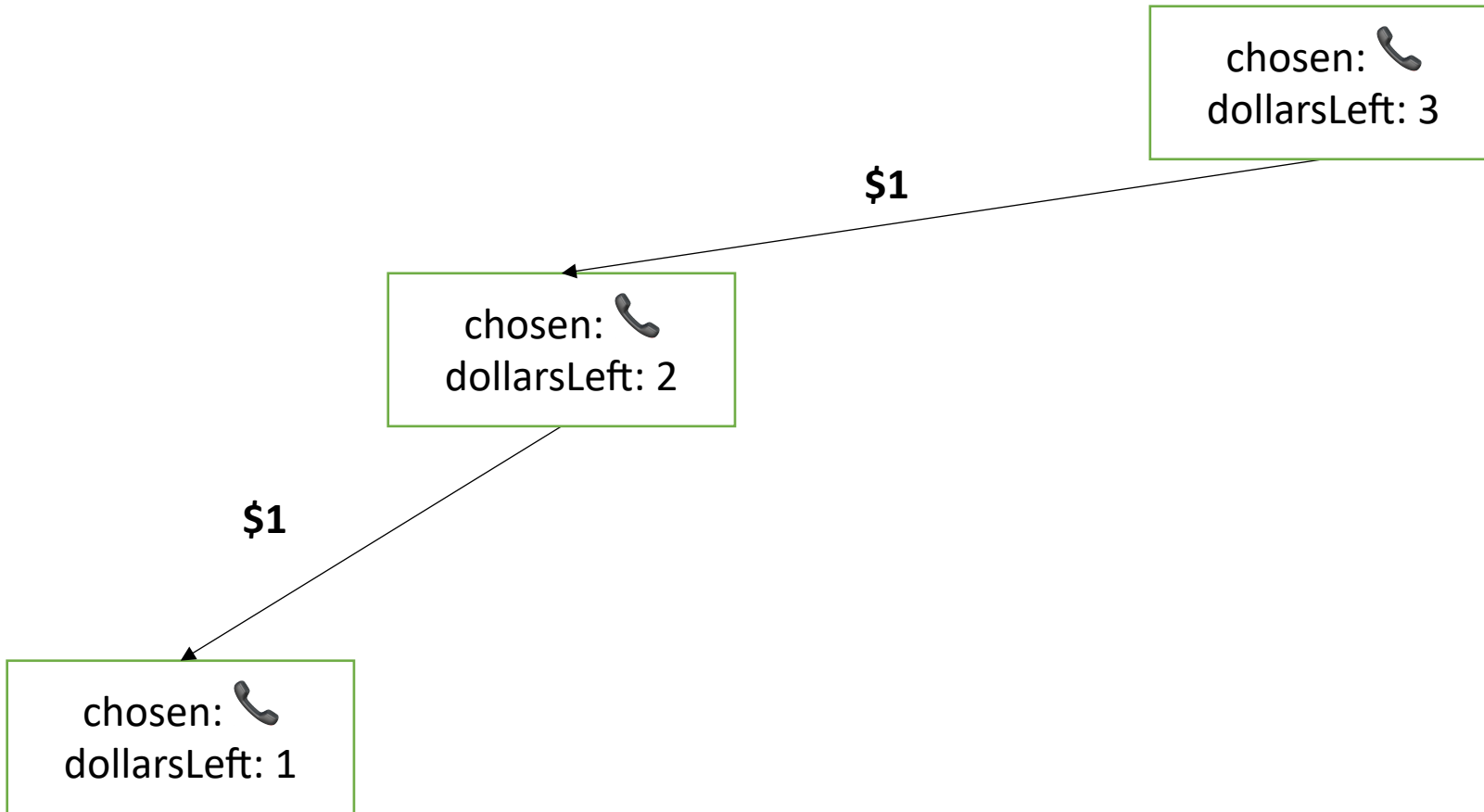


Output:
[1, 1, 1]

1 1 5

chosen

Phone Number: 425-123-4567

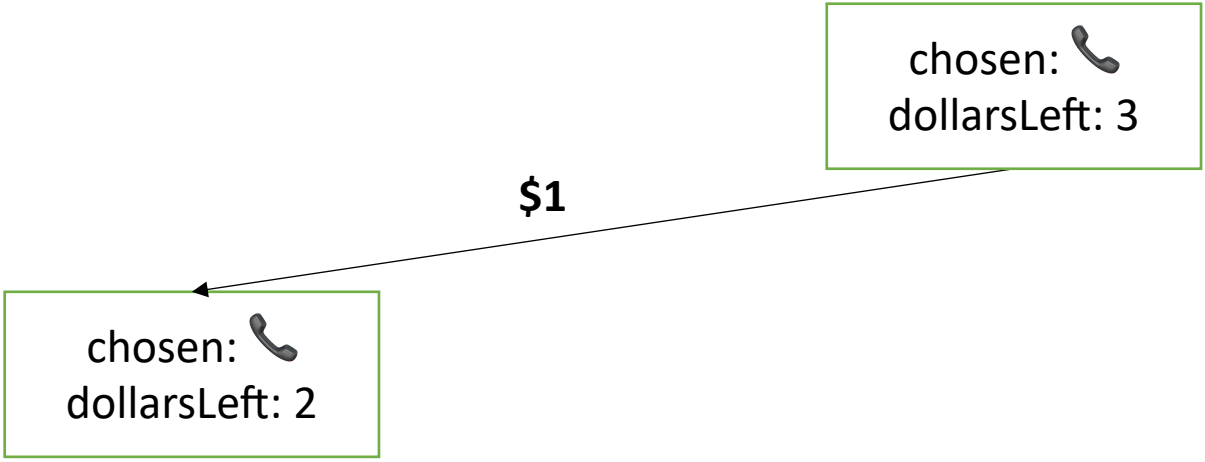


Output:
[1, 1, 1]

1 1

chosen

Phone Number: 425-123-4567

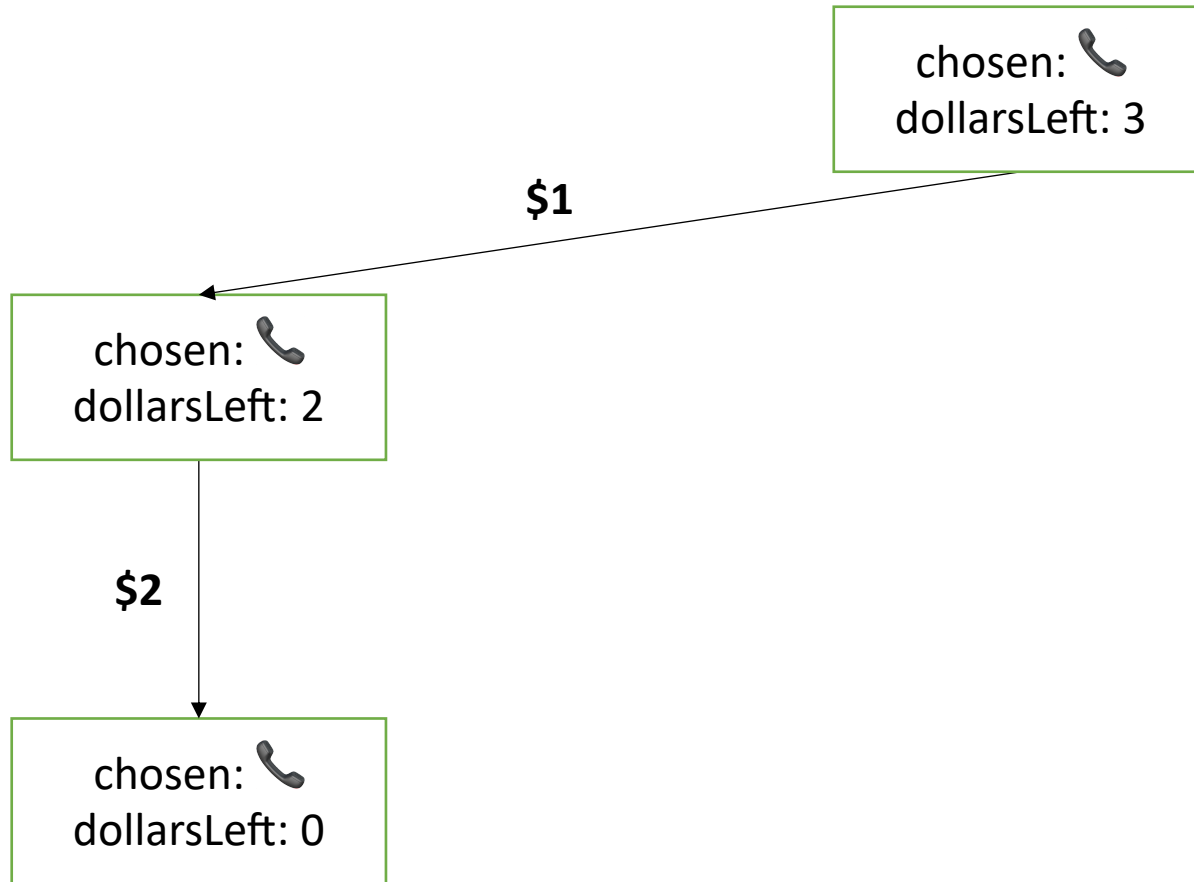


Output:
[1, 1, 1]

1

chosen

Phone Number: 425-123-4567

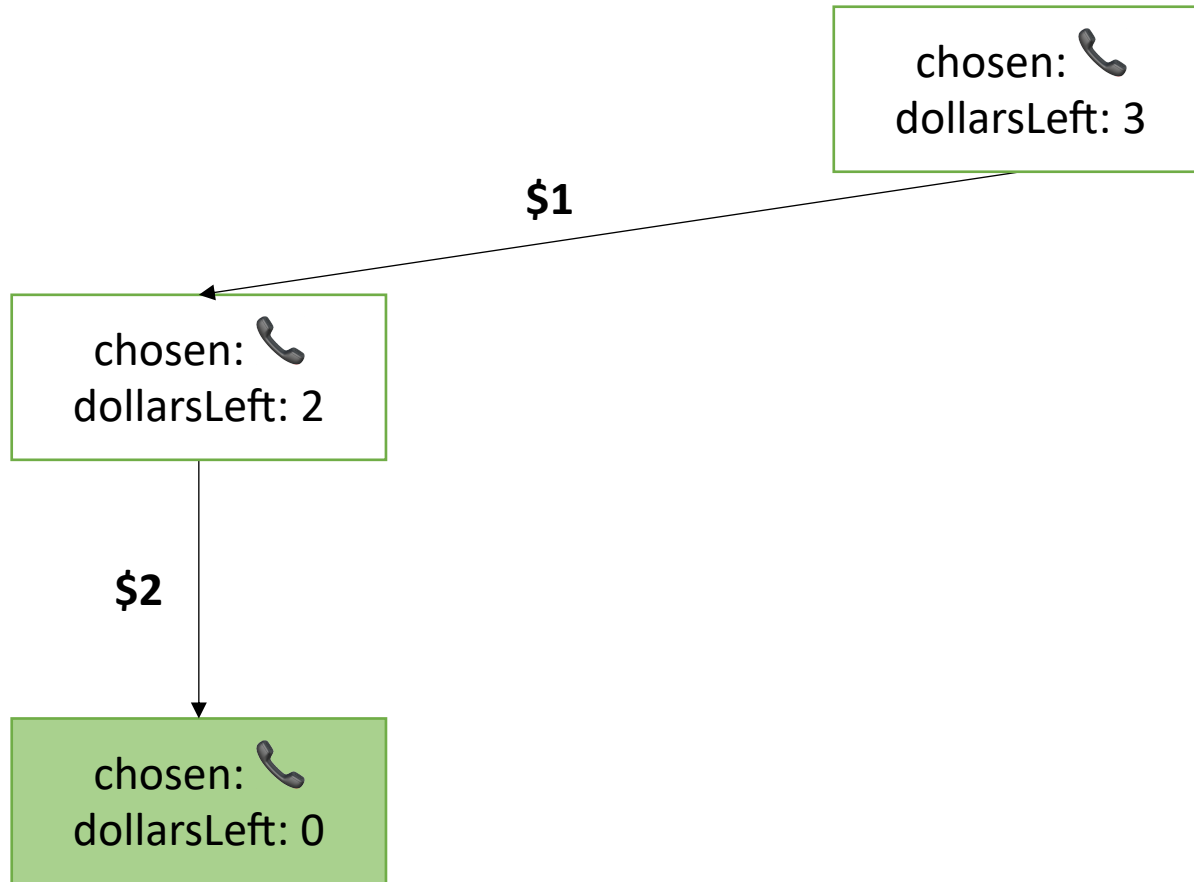


Output:
[1, 1, 1]

1 **2**

chosen

Phone Number: 425-123-4567



Output:
[1, 1, 1]
[1, 2]

1 2

chosen

Phone Number: 425-123-4567

chosen: 📞
dollarsLeft: 3

\$1

\$2

\$3

\$5

chosen: 📞
dollarsLeft: 2

chosen: 📞
dollarsLeft: 1

chosen: 📞
dollarsLeft: 0

chosen: 📞
dollarsLeft: -2

\$1

\$2

\$3

\$5

\$1

\$2

\$3

\$5

chosen: 📞
dollarsLeft: 1

chosen: 📞
dollarsLeft: 0

chosen: 📞
dollarsLeft: -1

chosen: 📞
dollarsLeft: -3

chosen: 📞
dollarsLeft: 0

chosen: 📞
dollarsLeft: -1

chosen: 📞
dollarsLeft: -2

chosen: 📞
dollarsLeft: -4

\$1

chosen: 📞
dollarsLeft: 0

chosen: 📞
dollarsLeft: 3

\$1

\$2

\$3

\$5

chosen: 📞
dollarsLeft: -4

chosen: 📞
dollarsLeft: 0

What order should I do my homework in?

CSE 143, MATH 125, PSYCH 101