1.1:

A picture containing necklet, accessory, key, locket

Description automatically generated

1.2:

A screenshot of a computer

Description automatically generated with low confidence

1.3:

Rain > Cloudy > Sunny > Meteor

Gt = -2 + 0\*1 + 3\*1 + -10\*1 = -9

Sunny > Cloudy > Rain > Rain

Gt = 3 + 0\*1 + -2\*1 + -2\*1 = -1

1.4:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| iter | Rain | Cloudy | Sunny | Meteor |
| 0 | 0 | 0 | 0 | 0 |
| 1 | -1.8 | 0.5 | 0.8 | 0 |
| 2 | -3.37 | 0.63 | 1.43 | 0 |

1.5:

1. De negatieve values kunnen heel lang aanhouden als de discount 1 is
2. De values zouden te snel kunnen verhogen/verlagen als de discount 1 is

2:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | L | M | R |  |  |  |  |  |  |
| k=0 | 0 | 0 | 0 |  | k=1: | L = -0.1 + 1 \* 0 = -0.1 | |  |  |
|  |  |  |  |  |  | M = max(-0.1 + 1 \* 0 = -0.1 ^ -1 + 1 \* 0 = -1) = -0.1 | | | |
| k=1 | -0,1 | -0,1 | 0 |  |  | R = 0 + 1 \* 0 = 0 | |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=2 | -0,2 | -0,2 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=3 | -0,3 | -0,3 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=4 | -0,4 | -0,4 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=5 | -0,5 | -0,5 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=6 | -0,6 | -0,6 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=7 | -0,7 | -0,7 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=8 | -0,8 | -0,8 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=9 | -0,9 | -0,9 | 0 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| k=10 | -1 | -1 | 0 |  |  |  |  |  |  |