Untitled2

February 25, 2025

```python
[27]:  #Gavin Modica, Penny Doubler
       money = .01
       total = .01
       print("on day 1 i made ${}".format(money))
       for day in range(2, 32):
           money *= 2
           #I made day 1 .01 and every day after that, to day 31 will be times by 2
           total += money
           #print("day", b, a)
           print("on day {} i made ${:,} for a total of ${:,}".format(day, money,
       ↪total))
           #the :, in the curly brackets, seperate the 1,000s and added the total
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```
on day 1 i made $0.01
on day 2 i made $0.02 for a total of $0.03
on day 3 i made $0.04 for a total of $0.07
on day 4 i made $0.08 for a total of $0.15000000000000002
on day 5 i made $0.16 for a total of $0.31000000000000005
on day 6 i made $0.32 for a total of $0.6300000000000001
on day 7 i made $0.64 for a total of $1.27
on day 8 i made $1.28 for a total of $2.55
on day 9 i made $2.56 for a total of $5.109999999999999
on day 10 i made $5.12 for a total of $10.23
on day 11 i made $10.24 for a total of $20.47
on day 12 i made $20.48 for a total of $40.95
on day 13 i made $40.96 for a total of $81.91
on day 14 i made $81.92 for a total of $163.82999999999998
on day 15 i made $163.84 for a total of $327.66999999999996
on day 16 i made $327.68 for a total of $655.3499999999999
on day 17 i made $655.36 for a total of $1,310.71
on day 18 i made $1,310.72 for a total of $2,621.4300000000003
on day 19 i made $2,621.44 for a total of $5,242.870000000001
on day 20 i made $5,242.88 for a total of $10,485.75
on day 21 i made $10,485.76 for a total of $20,971.510000000002
on day 22 i made $20,971.52 for a total of $41,943.03
on day 23 i made $41,943.04 for a total of $83,886.07
on day 24 i made $83,886.08 for a total of $167,772.15000000002
on day 25 i made $167,772.16 for a total of $335,544.31000000006
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on day 26 i made $335,544.32 for a total of $671,088.6300000001
on day 27 i made $671,088.64 for a total of $1,342,177.27
on day 28 i made $1,342,177.28 for a total of $2,684,354.55
on day 29 i made $2,684,354.56 for a total of $5,368,709.109999999
on day 30 i made $5,368,709.12 for a total of $10,737,418.23
on day 31 i made $10,737,418.24 for a total of $21,474,836.47
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