SOLUTION TO CHIT FUND PROBLEM

1.What is the Annualized Return of the person who bids in the last month?

The annualized return of participant who bids in the last Month = 3.969357358648673

2.What is the Annualized Return of the person who bids in the first month?

The annualized return of participant who bids in the first Month = -7.183019602665885

3. Write an R/Python script which calculates the annualized return of chit fund participant? - Show the Return % for each month's bid winner.

I had written a python script for this problem.

**Annualized Return:**

1. The annualized return of participant who bids in the 1 Month = -7.183019602665885 %
2. The annualized return of participant who bids in the 2 Month = -4.838992181255231 %
3. The annualized return of participant who bids in the 3 Month = -1.4358199516118053 %
4. The annualized return of participant who bids in the 4 Month = 1.8445743333721731 %
5. The annualized return of participant who bids in the 5 Month = -7.183019602665885 %
6. The annualized return of participant who bids in the 6 Month = -4.838992181255231 %
7. The annualized return of participant who bids in the 7 Month = -3.6901208067807834 %
8. The annualized return of participant who bids in the 8 Month = -2.5559079450003797 %
9. The annualized return of participant who bids in the 9 Month = -7.183019602665885 %
10. The annualized return of participant who bids in the 10 Month = -4.838992181255231 %
11. The annualized return of participant who bids in the 11 Month = -1.4358199516118053 %
12. The annualized return of participant who bids in the 12 Month = 1.8445743333721731 %
13. The annualized return of participant who bids in the 13 Month = -7.183019602665885 %
14. The annualized return of participant who bids in the 14 Month = -4.838992181255231 %
15. The annualized return of participant who bids in the 15 Month = -3.6901208067807834 %
16. The annualized return of participant who bids in the 16 Month = -3.6901208067807834 %
17. The annualized return of participant who bids in the 17 Month = -6.003089992831557 %
18. The annualized return of participant who bids in the 18 Month = -4.838992181255231 %
19. The annualized return of participant who bids in the 19 Month = -1.4358199516118053 %
20. The annualized return of participant who bids in the 20 Month = -1.4358199516118053 %
21. The annualized return of participant who bids in the 21 Month = -2.5559079450003797 %
22. The annualized return of participant who bids in the 22 Month = -0.32935463958428945 %
23. The annualized return of participant who bids in the 23 Month = 0.7639612519937833 %
24. The annualized return of participant who bids in the 24 Month = 1.8445743333721731 %
25. The annualized return of participant who bids in the 25 Month = 3.969357358648673 %

**Absolute Return:**

1. The Absolute return of participant who bids in the 1 Month = -14.383561643835616 %
2. The Absolute return of participant who bids in the 2 Month = -9.817351598173515 %
3. The Absolute return of participant who bids in the 3 Month = -2.968036529680365 %
4. The Absolute return of participant who bids in the 4 Month = 3.881278538812785 %
5. The Absolute return of participant who bids in the 5 Month = -14.383561643835616 %
6. The Absolute return of participant who bids in the 6 Month = -9.817351598173515 %
7. The Absolute return of participant who bids in the 7 Month = -7.534246575342466 %
8. The Absolute return of participant who bids in the 8 Month = -5.251141552511415 %
9. The Absolute return of participant who bids in the 9 Month = -14.383561643835616 %
10. The Absolute return of participant who bids in the 10 Month = -9.817351598173515 %
11. The Absolute return of participant who bids in the 11 Month = -2.968036529680365 %
12. The Absolute return of participant who bids in the 12 Month = 3.881278538812785 %
13. The Absolute return of participant who bids in the 13 Month = -14.383561643835616 %
14. The Absolute return of participant who bids in the 14 Month = -9.817351598173515 %
15. The Absolute return of participant who bids in the 15 Month = -7.534246575342466 %
16. The Absolute return of participant who bids in the 16 Month = -7.534246575342466 %
17. The Absolute return of participant who bids in the 17 Month = -12.100456621004566 %
18. The Absolute return of participant who bids in the 18 Month = -9.817351598173515 %
19. The Absolute return of participant who bids in the 19 Month = -2.968036529680365 %
20. The Absolute return of participant who bids in the 20 Month = -2.968036529680365 %
21. The Absolute return of participant who bids in the 21 Month = -5.251141552511415 %
22. The Absolute return of participant who bids in the 22 Month = -0.684931506849315 %
23. The Absolute return of participant who bids in the 23 Month = 1.5981735159817352 %
24. The Absolute return of participant who bids in the 24 Month = 3.881278538812785 %
25. The Absolute return of participant who bids in the 25 Month = 8.447488584474886 %