VECTOR EXERCISE

1. Create vector with name stock\_hcl and stock\_hul and do the following:

For **stock\_hcl**:

* On Monday you earned INR140
* Tuesday you lost INR50
* Wednesday you earned INR20
* Thursday you lost INR120
* Friday you earned INR240

For **stock\_hul**:

* On Monday you lost INR24
* Tuesday you lost INR50
* Wednesday you earned INR100
* Thursday you lost INR350
* Friday you earned INR10

2. Go ahead and assign the days of the week as names to stock\_hcl and stock\_hul. In case you are not sure, the days of the week are: Monday, Tuesday, Wednesday, Thursday and Friday

3. First, you need to understand what the overall profit or loss per day of the week was. The total daily profit is the sum of the profit/loss you realized on stock\_hcl and stock\_hul. Find out profit/loss for each day.

4. Calculate the total amount of money that you have profit/lost with stock\_hcl and assign to the variable total\_hcl. Calculate the total amount of money that you have profit/lost with stock\_hcl and assign to the variable total\_hul. Find out total profit in a week.

5. Check if your total gains in HCL are higher than for HUL by using a comparison. Assign the result of this comparison to the variable answer.

6. Assign the HCL results of Wednesday to the variable hcl\_Wednesday

7. Assign the HCL results of Tuesday, Wednesday and Thursday to the variable hcl\_midweek. Find out the average mid week gain. Assign the result to average\_midweek\_gain

8. Check if your HCL earnings are positive on the different days of the week (i.e. > 0), and assign this to earnhcl\_vector.

9. Assign the amounts that you earned or profit on the profitable days to the variable hcl\_earning\_days

10. Assign the amounts that you earned/profit on the days that you ended positively for hul to the variable hul\_earning\_days. This vector thus contains the positive winnings of stock\_hul.