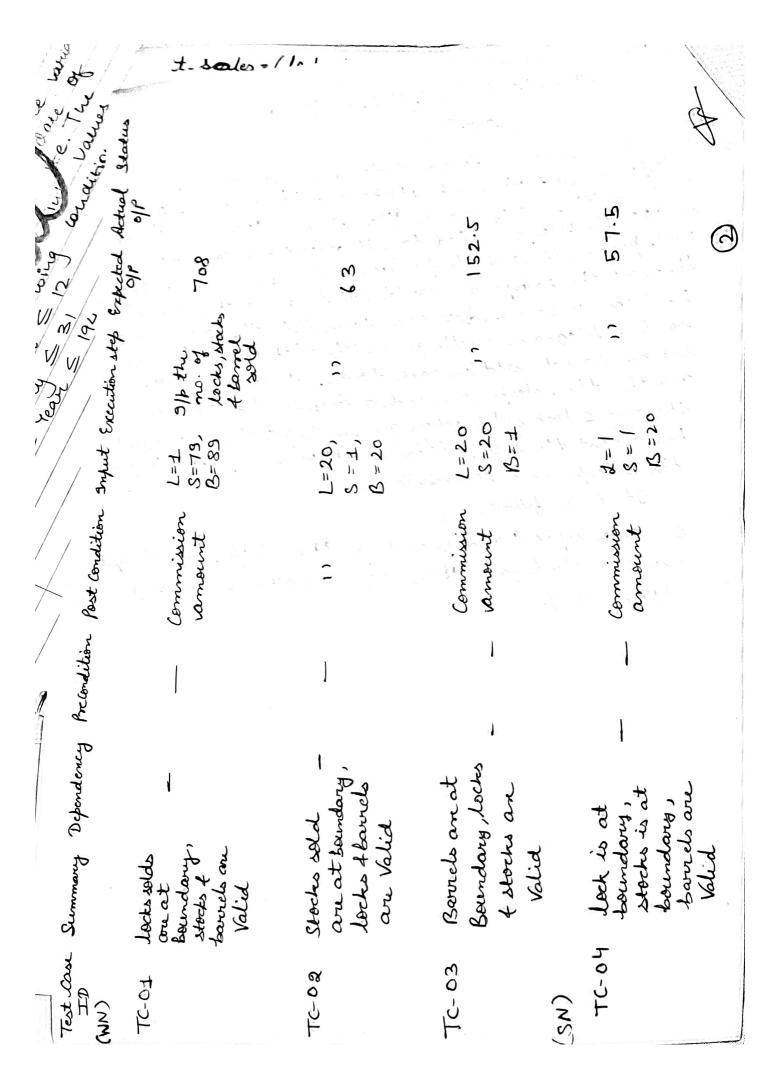
Software Verification, Validation 4 testing

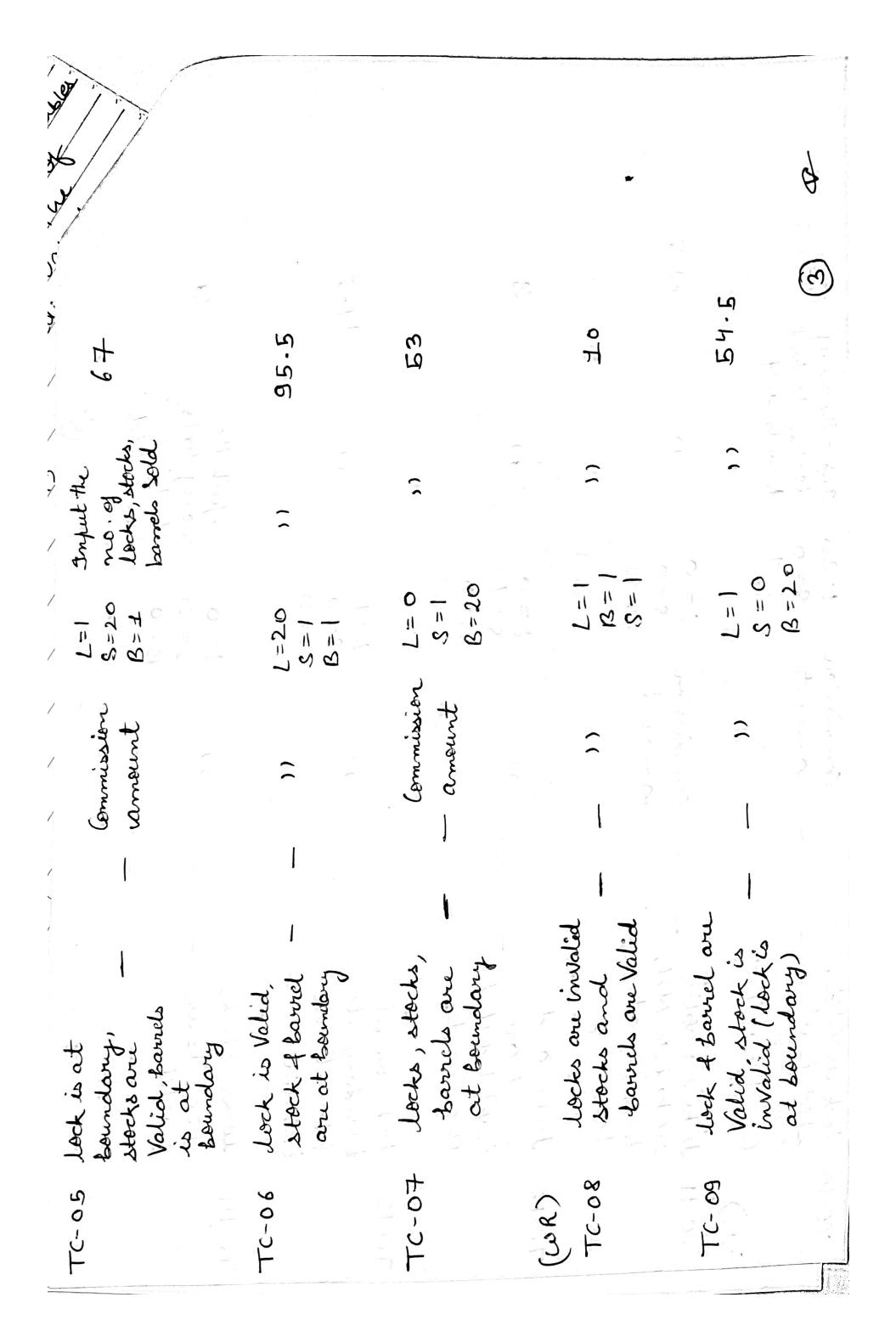
The Commission problem includes a salesperson. The salesperson sold right locks, stocks and barrels made by a gunsmith, lost of lock is \$45, stocks is \$30 and bourel is \$25. The salesperson had to sell atleast one complete rifle per month and the production limits were such that the most the salesperson could sell in a month was To lock, 80 stocks, 90 barrels. After each town Visit, the solesperson sends a telegram to the gunsmith with the no of locks, stocks, barrels sold in each town. At the end of the month, the salesperson sends a Very short telegram. showing I lock sold when gunsmith get this message, he knew that the sale for the month were complete & compute the salesperson's commission.

It is as follows:—

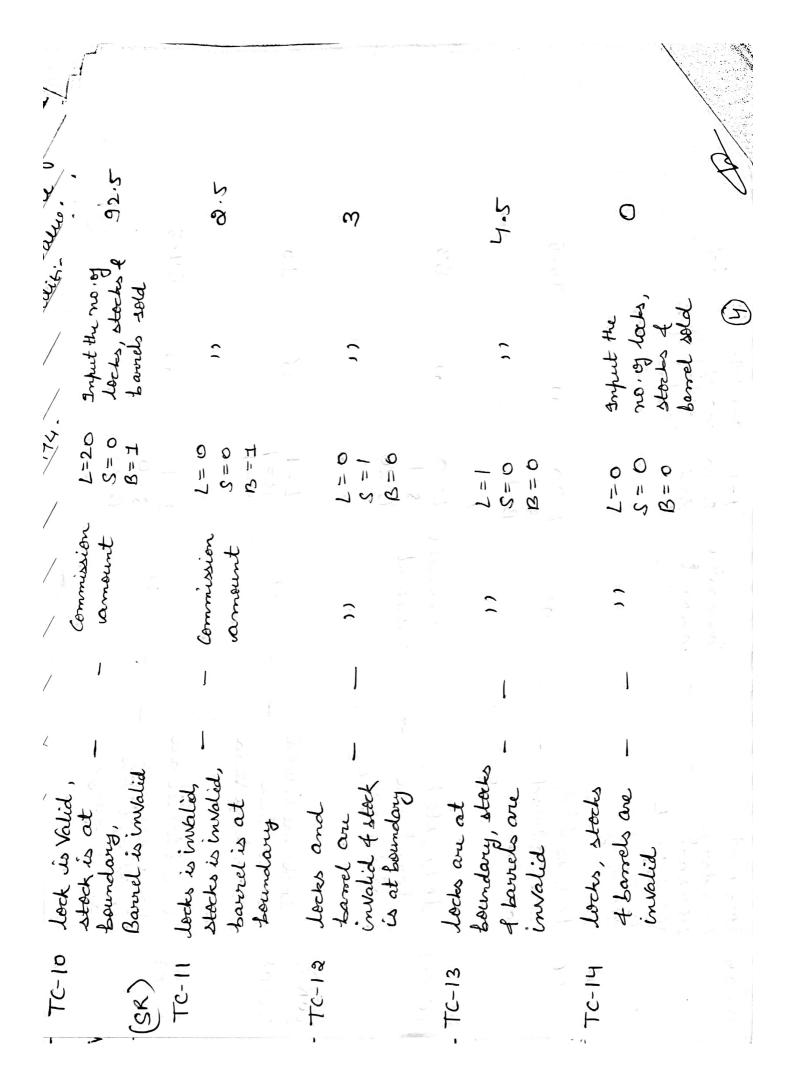
on sales upto (and including) \$1000=10%, on sales upto (and including) \$1800=15%, on sales in Excess of \$1800 = 20%



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```
Vode
# include < Stdio. A 7
  int main ()
   int locks, stocks, barrels, t-sales, flag = 0;
   float Commission;
    printf ("Enter the total no. of locks");
    scanf ("/d", flocks);
    if ((locks <=0) | (locks > 70))
         flag = 1;
     printf ("Enter the total no of stocks");
    scanf ("/d", 4 stocks);
     if ((stocks <=0) [(stocks 780)
      ij (jlag = = 1)
          printf (" Invalid I/P | n");
           exit(o);
       printf ("Enter the total no of bourds");
       scanf ("/d", 4 bourds);
      if ((barrels 2=0) [ (barrels 790))
           flag=1;
```

```
t-sales = (locks *45) + (stocks *30) + (barrel *25);
if (t-sales <=10000)
    Commission = 0.10 * t-sales;
 Clse if (t-sales < 1800)
     Commission = 0.10 * 1000;
     Commission = Commission + (0.15 * (t-sales-1000));
clse
   Commission = 0.10 * 1000;
  Commission = Commission + (0.15 *800);
  Commission = Commission + (0.20 * (t-saks-1800));
printf ("The total sales is /d )n the Commission is
         1.F4, t-sales, Commission);
  return;
```

A