```
By Bowl balls of an over in crickets
                          ( B) while (count == 1) / Enfinish
     Count Di
 A) while ( wont 26) &
                                              1 della a ball. 000-
         count= wunt+1;
    ×12345×
                                        D> conut = 0.
     c) / int count = (1).
                                          +(0; 3 456)x
               123456
gay Given a number, find the last digit of that number
                        MSB & LSB ( (rout significed bit );
                                                            6126 > 6
                        6387 + 910
42 \rightarrow 2
6388 = 6000 + 300 + 80 + 7 + 92 \rightarrow 9
6380 + 7 \rightarrow 70/p
10 \rightarrow 0
            whil 2?
                            \frac{916}{21107} = \frac{900 + 10 + 6}{21107} \rightarrow \frac{6010}{4}
Comp devid by
            -6 + remainder
                                      int num = sc. next fatc);
                                           sop ( num 7. 10)
```

Q3> Griven a number, print all the digits from right to left $6381\%10 \Rightarrow 173$ $6381\%10 \Rightarrow 173$ $6381\%100 \Rightarrow 173$ $6381\%100 \Rightarrow 173$ $6381\%100 \Rightarrow 173$ (00) 6381(63 6381 1/1000=) 381 6381/10=> 638-> quotient 6381 10=> 638-> quotient int num = 638[x

i) sop (num 1. (0); => (1)

2) num = num / (0 => (nam = 638 Exp (numy 10) =) (8) 100 | sop (num » (0) =) (3)

100 | num = num (0 => 6

100 | num = num (0 => 6)

100 | num = num (0 => 0)

```
int num = sc.next Int();
                        while (num >0) 2
                         ) int ld = nam 1,10;
                               sopcld);
                           2) num = num/10;
                          ۶
                         638 /10

num

stort

Oend

(num!:0)
                                  num >0
       123.
                                   6381=) >0 →+ 1
                                  638=) 70 t 8
63=) 70 t 3
6=) 70 t 6
                                      D => > D F -> exit loop.
9=> Gruen print sum of all digits
                     \frac{6381}{916} \Rightarrow 643+841=318
\frac{916}{916} \Rightarrow 9+1+6=316
\frac{916}{6+1+9} \Rightarrow 6+1+9
                        6381=) 1+8+3+6.
```

```
int n = sc. next Intc);
                                     (112+316+2 = 12
        ind sam = 0; 2 (631)
                                      n=1 -> 5
         while (n >0> d
                                     110=>1 3+0=>3
            int ld= n7.10)
              Sum = Sum + 1 d';
                                         2+0=)2
          n= n/10 0+1
                       D Sam D>0 1d sum = sum Hd D/10

1234 0 T 4 (um = 0 + 4:) 123

123 4 T 3 (um = u + 3 12

123 4 T 2 sum = x + 2 1

12 7 T 1 sum = 9+1

1 9 T 1
           sop(sum);
                            0 10 F-> Lame out of loop
(95) Given a number on, print all the perfet number
                 from 1 to n.
              n:10 → 1 ______(0
                     12 => (1.4) = complete int x
                      (T3=) NO (T5=) NO
                                     (19 => 3/1 =) perfect
square
                      (16 =) no
```

```
N= 50 => 1, 4, 9, 16, 25, 36, 49
                       25 36 49 64 21 100
     10=) 1 4 9
N= 10)
    -= 0 (9=ixi olp i

1 T S9=1 1 2

2 T S9=4 4 3

3 T S9=6 4 5

4 T S9=16 5

54=25 25
          144
       7
                   ind sq = O'
   while ((sq) 2 = 1) }{

sq = i x i ;

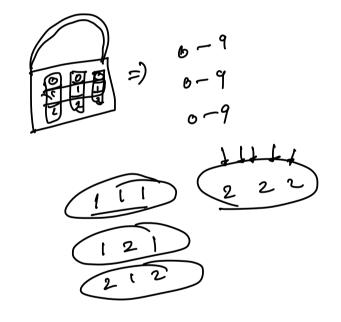
sop(sq);
       1+1 -
                      16 f-
```

```
final solution (Asti socution).
          int (= 1)
while ((i * i) <= n) d
                 sopciai);
                                      N=10;
                       (O 0(P)

i xi L=10 sop(ixi) i++
                 1++)
              7
                                                   2
                             1 2=10
                                                    3
                         2 42510
                                                    4
                              9 2 = 10
                           4 162=10 exit 100P
              4 Mor ___ 20 th NOR
                  H.w & Arregnment
                   Hinds -> free
                                               200
                   Video solution - fue
                                              180=)
           Solution approsach: - 0%.

tomplite solution? - 10%.
          Eas, med, hard
               S. A =) 10%.
               Compl. S=) 25%
```

Complete solution



$$\frac{A = 2}{A = 2} \quad B = 3 \quad \Rightarrow \quad 2^{3}$$

$$(2 \times 2 \times 2)$$

$$\begin{array}{c} A=5 \quad B=6=) \quad 56\\ \hline (A \rightarrow B \ Hmu) \\ \hline 6 \\ \hline 5 \ mulk \ py \quad 6 \ Hnu \end{array}$$

https://www.interviewbit.com/snippet/86f3606789b827f16611/