```
1 -> Initial is a Hon
                        2 -> Condition
                        3 -> loop work
                         4-> update
                          2 > Condition -> will repeal and
                               inhalisation

while (2) > {

while (condition) {

loop work

upadta:

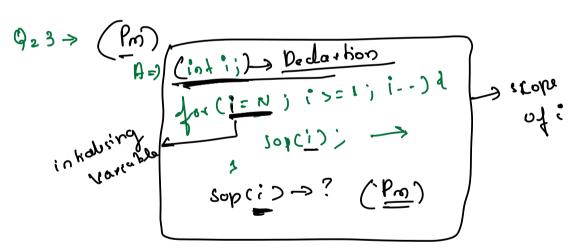
}
For Loop
                                                        La multiple times.
 B) Print number
                     i= 1 → 2 → ... 10 → 11 01p => 12 ··· 10
```

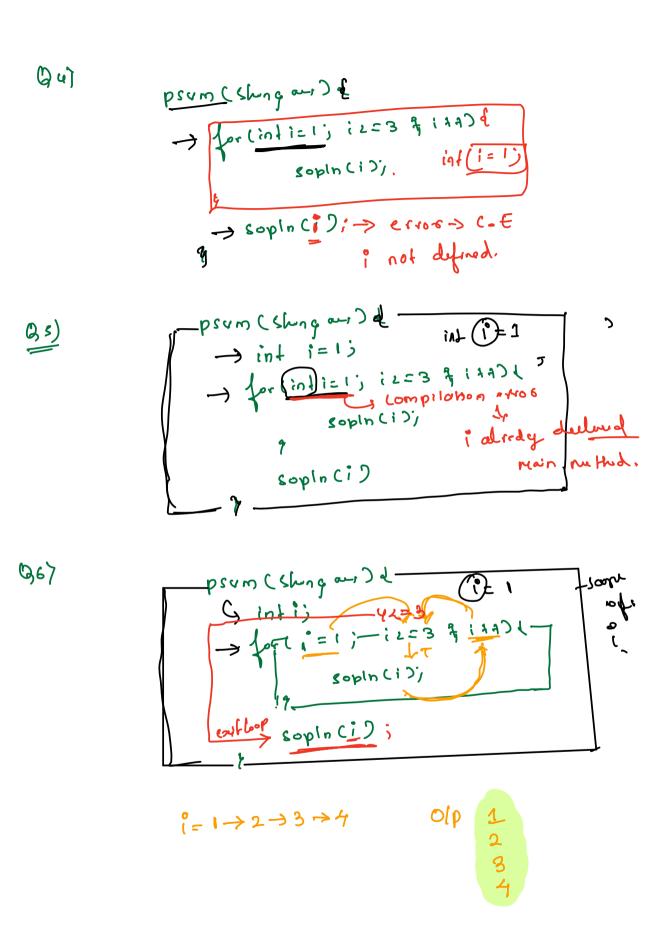
```
Q - write a for loop to print odd Number from 10,20,70
                             1 to N; Cint N= sr. next solco; j
                    N = 10 \rightarrow 13579 = 0.000
1 i \downarrow (i \% 2 \% = 0) 
1---> 10
                                                        i=L
12210
                                                         2:1.2
(0!=0)
Jals:
1 6 20
 1 4: N
                (=1-2-3-4-5-6-7-8 op : 1-3-5-7-9-
(icro; 131)i.j
                     for (ind i=1) ( = N ; 1+= 2) {
Sop(i);
                          good free &
                     1=> 3=> 5=> 7= 9= 11 O(p 135 79
                                           (oop-
               1-> Inhalisation (only once);
2-> wordston
                  (5) 1→2→3→4→1 and stop. ×

(5) 1→2→3→4→3 toxt from 3 ×
                    (1) 1 -> 2 -> 3 -> 4 -> then again (fact from
```

Que - 2

$$i = 2 \rightarrow i_1 = N = i_{=i+2i}$$
 $2 \quad 4 \quad 6 \quad 8 \quad 9 \quad \cdots$





ant i=n; Int n = sc. next Int(); 6069) didas int Ld = nº1.10; int d = 1% 10') i = 1 (10') n=1432 -> 1d=2 Fd= i= fg = g; 1432 (4.1.10) 1 120 d t^{-1} 1 100 d t^{-1} 1 100 d t^{-1} 1 103 t^{-1} Jsop((d); -> L. -> sopc (dd); 0-> f-> exil loop Of [[d=2] B=> Given a number N, reverse the number. $N = 6123 \implies 3216$ XPrint X int n = 421

int rev = 124)

int
$$n = \frac{1}{14}$$
 14×10
 14×10

$$N = 6143 \implies (int rew = 0) = int di)$$

$$d = 18.7.10; \implies 3$$

$$= 0 \times 10 + 3$$

$$= 3.$$

$$= 3.$$

$$= 3416$$

-) Amstrong number (3) = 3 = 3=) 1+125+27 (num = = sum y (limited 3 degite)
amstrong number. 7 3 3 3 3 × 3 int N = sc. next Ent C) j int num = 1', - 2 - 3 - 4 & while Chum L=N) } -> rwhile (nam >0) int de num v. 10) Sum= sum + (dxdxd); num = numlio; 17 tate a loop from 1 -> x1 if c vaw = = sam) { 2) took a loop it ide the sob cum), a bow Loop. 2) Use the same show to g num ++; loop > 1 --> N des au disit 3) int sum=0; Cube ind () (hoops to check ount 4) sum = sum + col+d+d). -> If Chum = = sum) { bush was mente s t

5) Comper. sum with num

if true-) Print if fall-signore
(ang bal: sc.nextInic);

10+ T = sc.nextInic);

int op-type = sc.next Intc);

long amt = sc.next Intc);

i) (op-type = = 1) L

bal = bal + amt;

sonc ban).

relsed

i) (bal >, amt)

bal -= amt;

3 else &

sop (" Snewly - 16 or)

}

~--

int A = 5; int B = 10; 00 10 00 while (A 2 B) d sop(A + ""); sop(B);

9

$$N=35 \leftarrow \frac{2}{5}$$
 $35 \neq 2 \Rightarrow 17/2 \Rightarrow 8 \Rightarrow 4 \Rightarrow 2 \Rightarrow 0$
 $(0-2-3) \Rightarrow 0$

Steeps 0; $n=35$

while $(n!=1) \neq 3r-17 \Rightarrow 3r$
 $n=n/2$;

seps+4:,

 $(n!=1) \neq 3r-17 \Rightarrow 3r$
 $(n!=1) \neq 3r-17 \Rightarrow 3r$

https://www.interviewbit.com/snippet/fd1f1bf0b196055aa38c/