For Loops ; it+ - 50 h icn Structure: for (inti=0; condition upclation initalization to check Self 1102 before cong · 5<0 1 / MOM) -Example: for (iii) = ?int main () { inth; cout ex enthy the valued no 22 endl; cin >>n; cout ce "pointing count from I to " " [endl; ((25 at (4.4 DAW)) int ist; for (; i <= n;) [cout << i ccenst itti telisi Enter the value of n printing count from 1 bon (2 5 - 1 - 1) NOTE: You can declare all the I post outside the parenthesis

Note: The for downit int ist; Irnam when to stop for (;;) { if (ix=n) { Solution: bacak cout << i << endl; gets you and of the cyarno losp. i+() E (fit : n break; L= 1 his) out Example: Using multiple inits, condition and updations for (int a=0, b=1, c=0; a>=0 28 b>=188 c>=2; a-, b-, c= 2 cont <2 all" " << b <<" " << cendl. (+2356-1321 Question: Print 1 to n. : Milans couter " enter the vales of n "Kending cin >>n; int sum = 0; for (mt i=1, six=ns i+t) { { (mt i=1) is} cout < sum (endly) = mare 2 output Enter the value of n . s (0 == wnis 92i) Li 5 mis >>" atmost writing is took " as took CERT SE IS OF MAINS MAINTAD SCOONED

Question: Print Fiboniacci humbod 0112358 1321.-code: int n= 10; int a=0; int 6 = 1 cont cla 21" " < < b < " "; for (int i =1; i <=n; itt) { int next Number = a+5; cout 22 next Number 26 "" b = next Number; 0=0, 6=0, 0=0 hard) rol 011235813 21345589 output Question: Point if Point in of I trica : nothers ? contienter the value of not excendly cin >>n; bool is Poine =1; for (int i=2; i en; i+1) 2, 1: +1) ost is Prime = 0 11 1 3 25 mus => mos break; Out but if Cispoine == O) & N | when with goth 3 cout « "Not a poine number "«cendle else & cout << " is a prime number "<<end!;

```
Enter the value of n is a fair sal (2)
             101
              is a prime Number
         · Usad to eskip an iteration of the current loop.
continue:
          . It skips the transiting block of code for
            that it exation
          for (int i=0; 125; it=)
              cout KK " 42" Ex endl; 1 10 10
              cout << " Hey" << end;
              continue
              cout << "Reply to keade" <<end!;
           3 - 11,00 >> [55 " " 25 100 Funds
 Output Question
       for (inti=0; i <=5; i+t) | output
     colo & cout exiss" " in profit-stil soll
 (D) for (Mi=0) (15=5) (1-)
                                      (infinite times)
       diesip a s
       for (mt i=0; i<=15; i+=2) | output
3 brooks & contained
                                0 3.579 11 13
          if CIADE
                       coul de add enti;
              confinue;
             it+;
```

for (int 1=0, 1<5; 1+0) { for (m+ j=i; j=5) j++) { yel cont << i << i << i << end; in maring black of rode in mitocali tool for (Int 1=0; 125; 1+0) 0=1 tal for Cint jailoi < 55, jet if (i+j = = 6) {} Fill Brown brak; of philips L cout <<i << " "<< j << endl, Output Questions to (inti-0; i <15; in) 1. Output scope: The life-time of a Variable, whose does Variable exists and ofter what divi of code will it get distroyed In short, its accessibility (" ">>> 1) Luo int main () a la accessible throughout int a = 3; coute cake endly the main () function, ofter it is cleclased. if (tous) E cout ex accendl;

(23)

Pacceclence tuble:

Precedence order	Operator	A sso ciativity.
4	U Do - and made	Left to Right-
2	++ (wany)! ~ * & sized	Right to Left
3	» / y.	LbR
8.4. I	+ - y Station	LBR
5	۷۷ >>	L lo R
6	2 52 minute Charles (= 5 5 / 1 minutes	1 to R
7		LboR
8	R (bitwise AND)	L 60 12
9	1 (bitwise XOR)	LloR
10	1 (bikuise OK)	L tor
t t	& (Loysed AND)	L bo R
(2 +)	HI (Logical OR)	LbR
13	?: Conditional	R b 1
19	= += -= #= /= /=	R to L
200	(assignment opender)	LR b L
15	, (comma Operator)	LbR

· Just Like BOOMAS prioritizes Brackets, we can also prioritize calculations using Brackets.

(Rominder) &

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