

MAP to Convext 'a'- 'z' to 'A'-'z'. ilp: {a,b,c,...} OIP: 5 A, B, C, D 3 Char Convert (char Ch) int madn() char name; char ans; Cin >> name; ans= ch-(a)+A'; (out << convert (name); return ans; A -> 65 ans = nqme - 'a' + 'A'; $\alpha \rightarrow 97$ 'C'-'a' + 'A' 2+'A'; ans= C; Armstrong mo.

egg)

23

2 digit

2 + 3 = 4 + 9 = 13

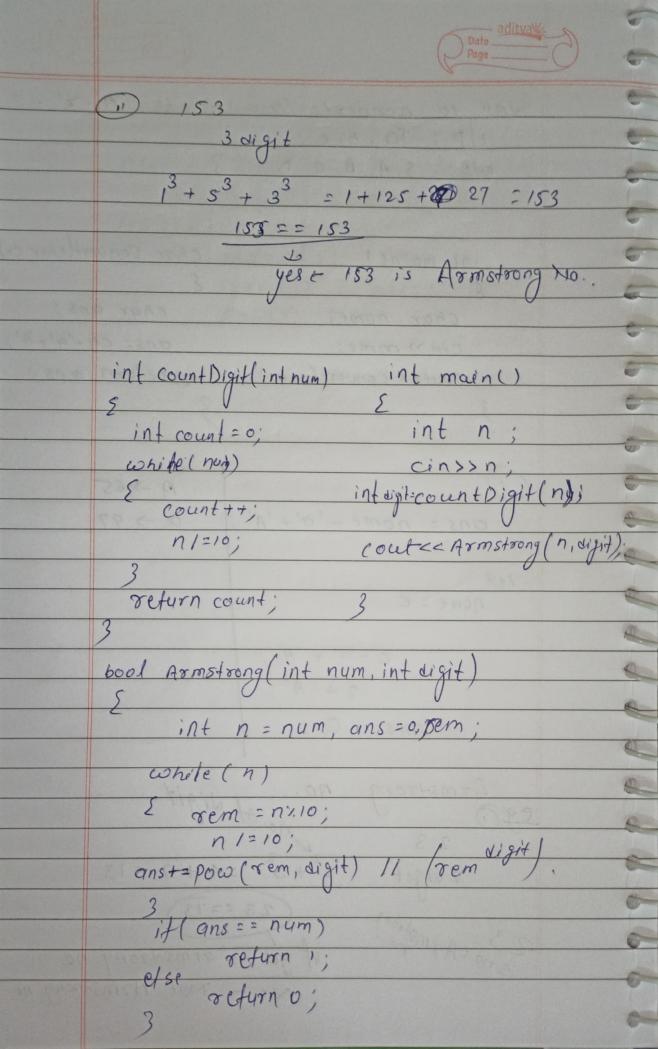
23 == 13

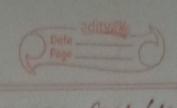
23 expression

if yes \Rightarrow armstrong no.

No - Not Armstrong no.

- 3





5x2=10

Find Trailing zero in a fact (utg) 6! = 720 -> 1

81 = 40320-> 1

 $2 \times 3 \times 2^{2} + 5 \times 2 \times 3$ $2^{4} \times 3^{2} \times 5$

 $\frac{2^{4} \times 3^{2} \times 5^{2}}{2^{2} \times 5^{2}} = 100$

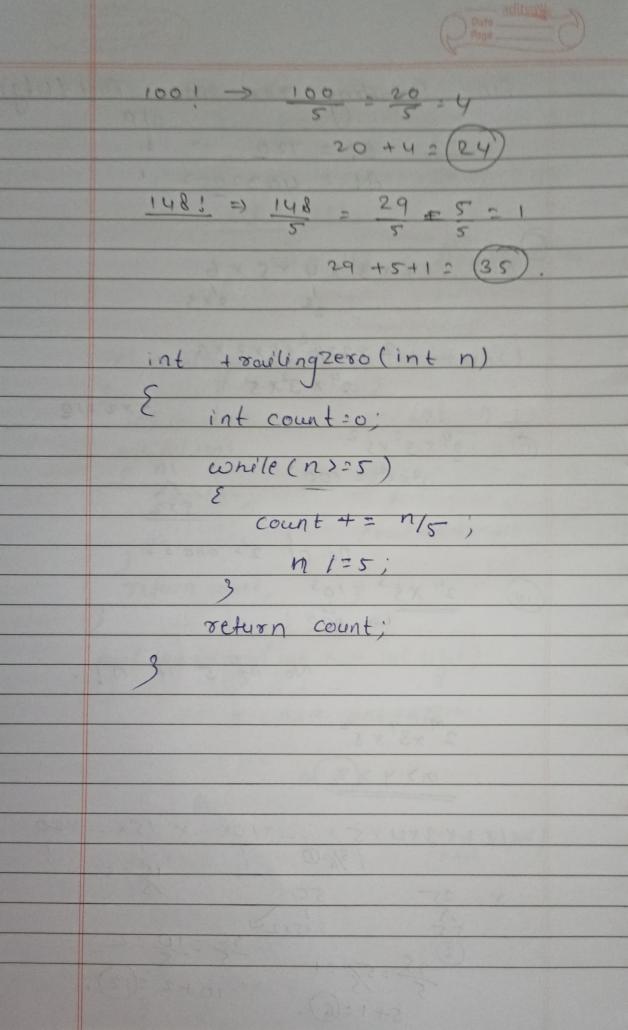
no. of 2's and 5's 24 x53 = 103

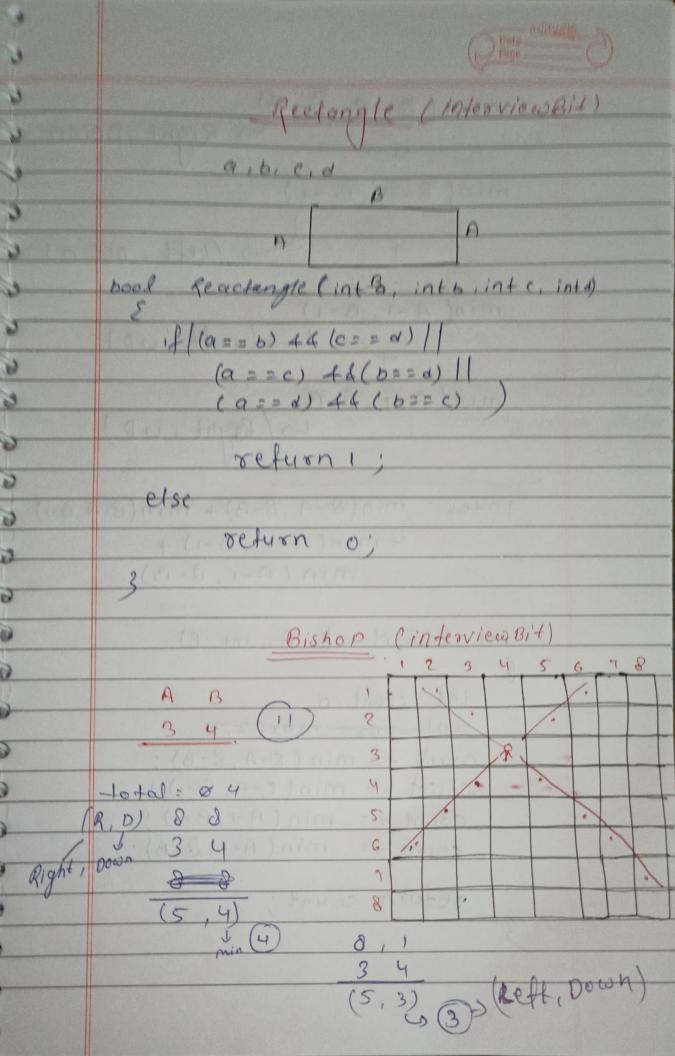
No. 0 + 5 if n!

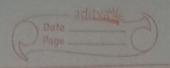
6 6 6 6 6 6 6 6 6 6 6 1x2x3xux5x...x10x.x 15x...x20

5+1=6,

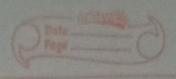
9







min(8-A,8-B)
SRight, Down min (8-A, B-1) min (A-1, J-B) L> (Regnt, UP) Total = min(8-A,8-B) + min(8-A,B-1) + min(A-1, B-1) + 0 min (A-1, &-B). int Bishop (int A. int B) int count = 0 int ans - max(2,3 Count += min (8-A,8-B); 'count += min(8-A, B-1); count += min (A-1, B-1); count += min(A-1, 8-B): refurn count;



Nim home (leefcode) we can take 1 to 3 step. 456 3,4 in make always factor of 4, 1 will always win, but if no. i's already in 4 factor then I will loose. n=4,8,12,16,20 4) 100Se. if (ny.4 1=0) refurn L' 11 win else return 0; 11 boose.

9 9

9

0

5