5. GCD and LCM If (count ==)(7 (0-1:1-1) 5: system. out. print ("prime"); } count ++; class GCD - LCME public static ward main (string aign (1)) & a = temp;

y

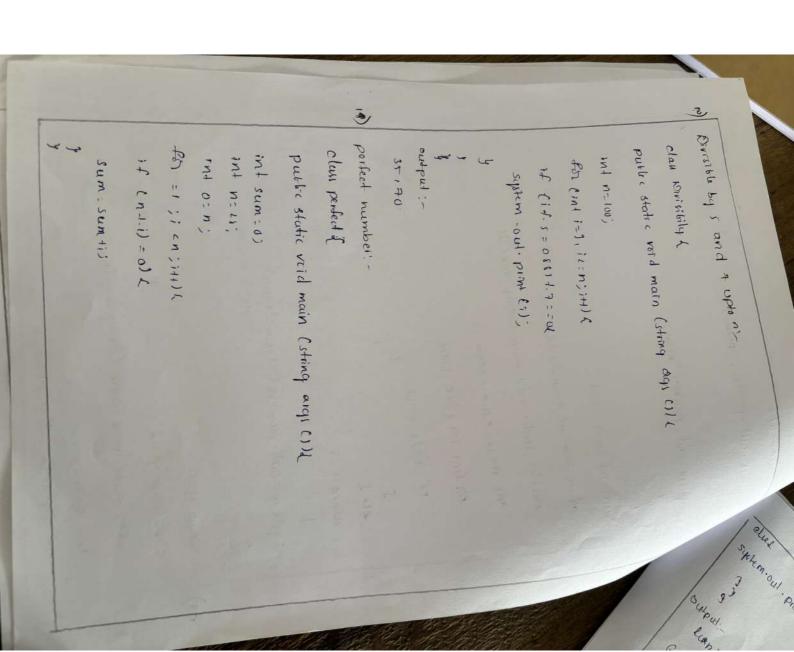
int ged = a; while chiols int LCM = (a*b | gcd: system out printer (" Gco"+ gcd); system. out. printn(" (cm"+ (cm)) ind be wi int temp; pn+ .a=1; 6: 016; temp:b;

```
ou. Reverse of a number-
                            of (Sum = = tem) &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sharia number -
system. out. Print ("Aimstrong );
                                                                                                                                                                                                                                                    output nus
                                                                                                                                                                                                                         Amstrong number:
                                                                                                                                                                                                                                                                                                          System. out . printn. ( " Pavened number 4: "+ Hel)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    class Reverse - of -number (
                                                                                                                                                            pathe state void main Cotting and (1) (
                                                                                                                                                                                                                                                                                                                                                                                                                 Noca) disher
                                                                                                                                                                                               class am Frong &
                                                                                                                                                                                                                                                                                                                                                                                                                                     int reved;
                                                                            while (n= 0) (
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ind nasur;
                                                                                                        int temp:n;
                                                                                                                                    Fut n= 123:
                                                                                                                                                                                                                                                                                                                                                                       7612 181 × 10+ 11
                                                                                                                                                                                                                                                                                                                                                                                              1 = 17-10:
                                                                                                                                                                                                                                                                                                                                               nenlio.
                                                   1 = n-1.10;
```

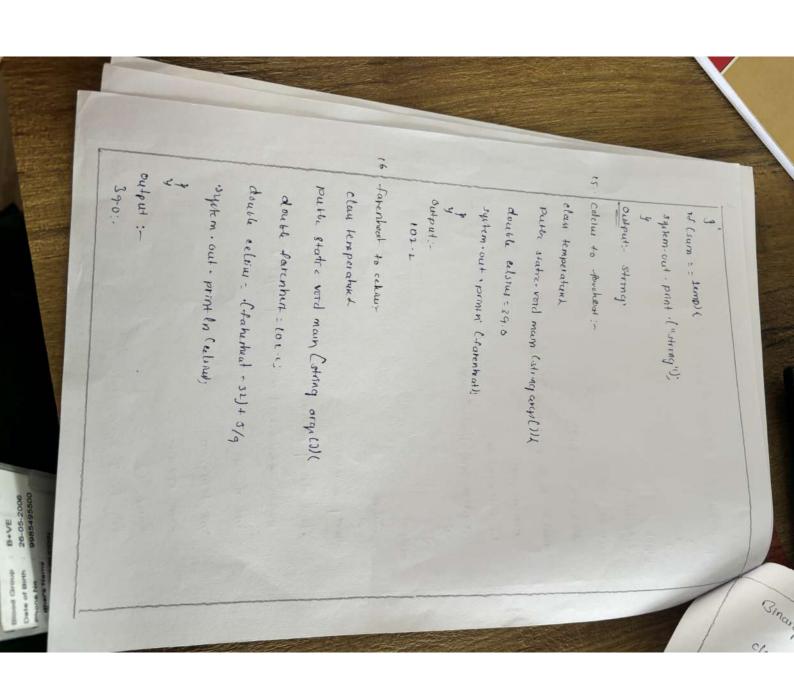
Sum of digita int n: 123; puther state , void man (string arguell class sum-of charter system. out. prints ("Mape") Ilusaren) f System. out . print n. ("patindrime")) palindrame:-Stock Choose Mer- 1 ev x 10+ 1/ public static roid main (string eigh 1) { nanlio; : 01-10 = 1 clas palindramed Pat teved: system. out . print ("Not an Armstrong"); יות חב ותבון:

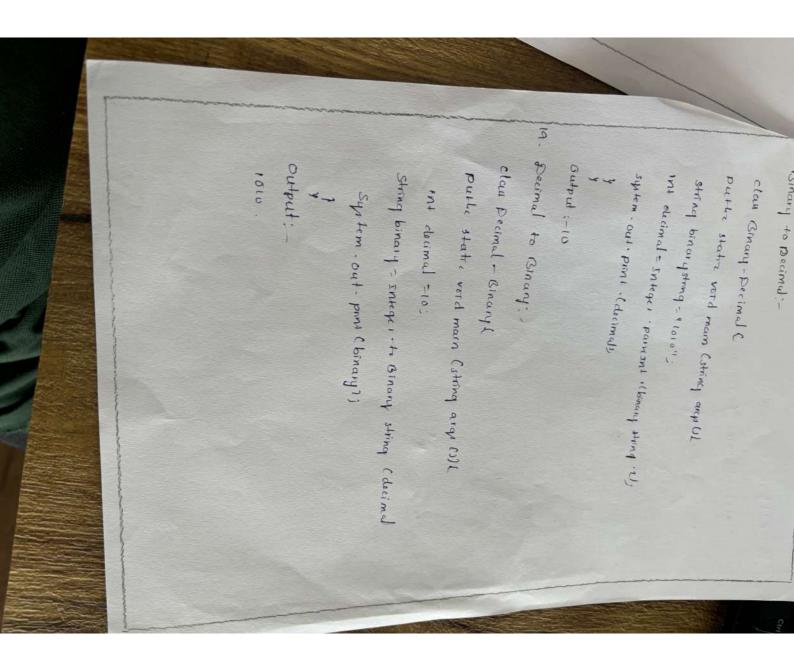
(40 public state voted main costing arquest sightem. out - point n ("csum: "+sum) clan hap years Leap year -Sum of even -add: of tyear-tue coll year-t- 400000-111 Hear : 20+4) 1:+ MINST I (oum == 0) I et 1 system.out.pointa ("perfect); system. out . printh. ("Norr): clan sum of even - oddl pettle state voted man (string ary (3)) int nello esume of sumeo) So lint is 1; in , 1+1) (0== 14:1) PL

S.M.KUTHUBUDDIN



Sulput: System.out. Print ("Not. leap year "). elies Even in odd it - motion lan year. strong number: putter state vord man (strong any city foren. Slav even-odds 16 (n.1.1 = = = = = 1 ·n+ n-400; class strong number L sylem. Gut . print ("opp"). int temp: n: לא (:- ז) ונבח: HAL fall = fact si) Jum: 7+ 10; public states vord main (stimes arquent int no iun; fact-1





class Addition - of-inambed

Puthe statie voted main (string organist

int a= 20

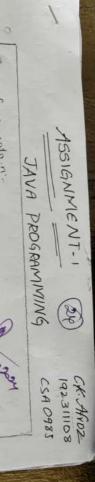
101 6:30

10+ c= 01+63

System. but. Print n ("sum is "+c):

Sum of Sum of

Sum & 5.



Sum of no upto ni

Impôlt Java . util 4:

class sum {

public static void main (string airpul) &

scannes scannes (systemin); int no scinitanto;

int sum = 0;

187 (int i=); iz=n; i+1) {

Sum: Sumti'

system. Out. printal "sum is:"+sum);

Input: - n=10

output: sumisss.

Prime number:

02.

Import Java. util. *!

class prime (

putter states void main (string args ()) {

Scanner SC = new scanner (system: in)

tal (int i=1; i'cn; i+t) &.