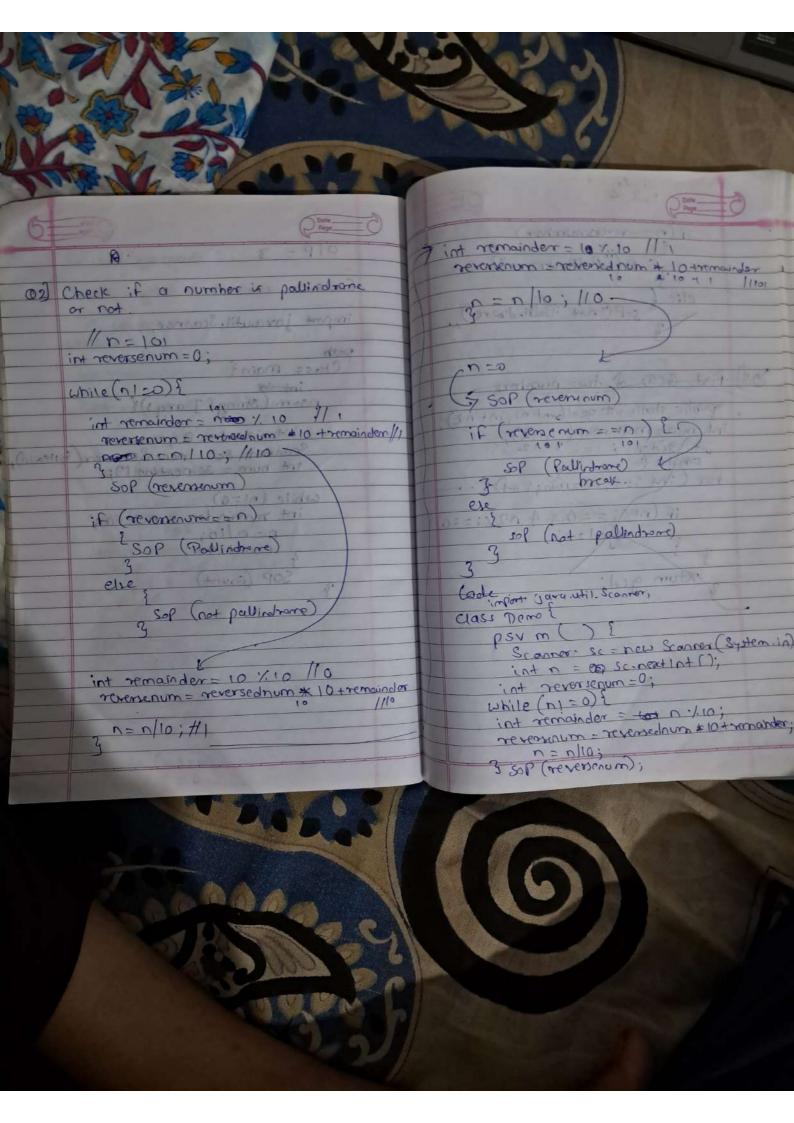
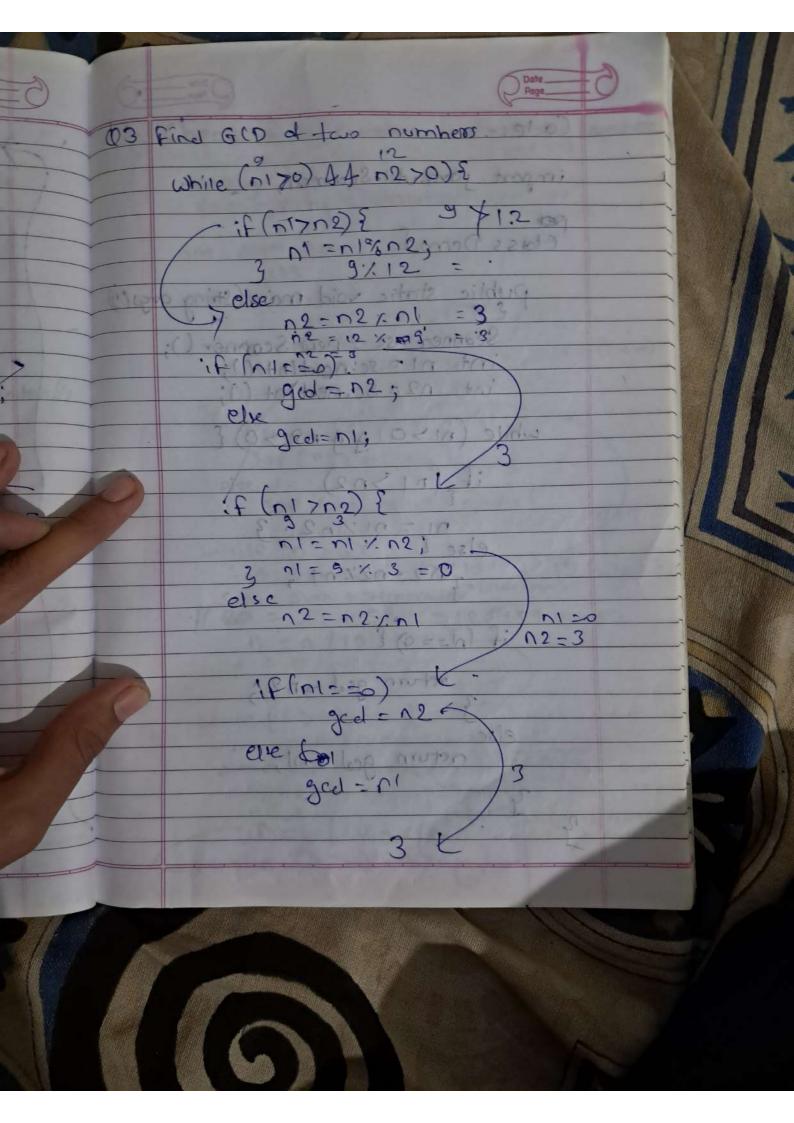
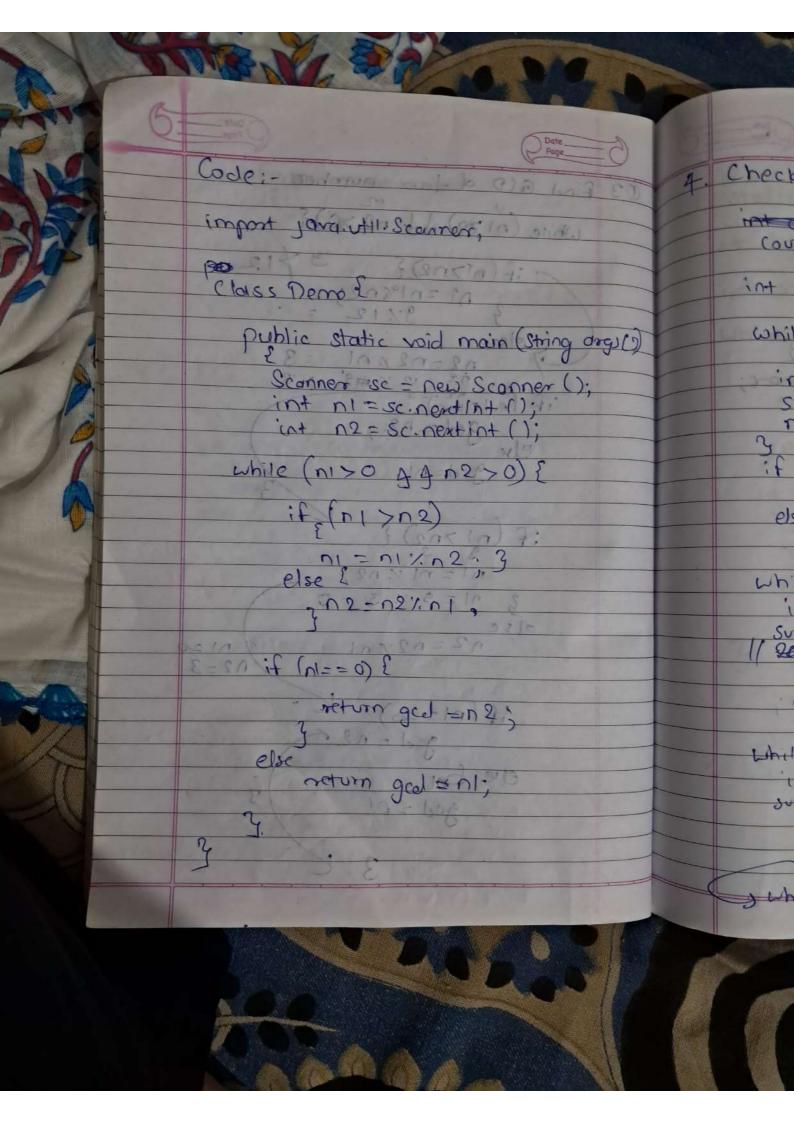


Code il o number is political import java.util. Scanner; Class main { poth psvm (string[] args)? met of intacount of o grunds of Scanner Schen Scanner (Systemin), int num = Sc. next Int (); mpile (vi=0) int remainder = n 1/10; 20001 44 908 SOP (count) Conorbilling son) go2 of semander to 100 10 +01 x munchas reven = amasimonor 14:010 =A



1,24 p3 Find GID of if (n:== reverseoumber) while (n170 "Pallindrone") - if (n1) sop ("not Pallindrame"), 0000 (03) Find GCD of two numbers. public static int good (int n1, int n2) int min = math.min (71, 12); for (ift := 1; i = min; i ++) {. if (n1) == 0 + 4 n2/1==0) { 2 - 10 of col = inja ) 1-2 return ged; Manorpe moins Jong replo mone (3915 = 52 1 500000 DE manderey over to i ere f(0=11) 9/1/10 could a tot substaine this repulse of the proposed of a midely of : (muncisaror) 902 2

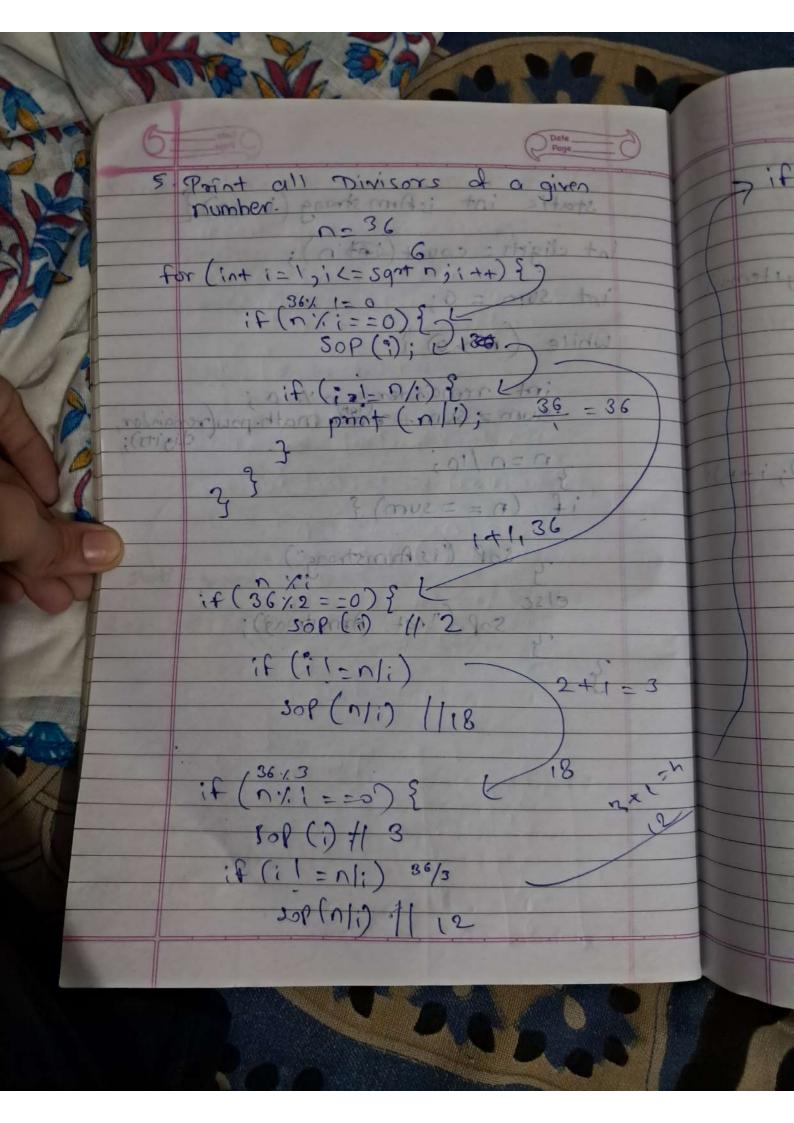


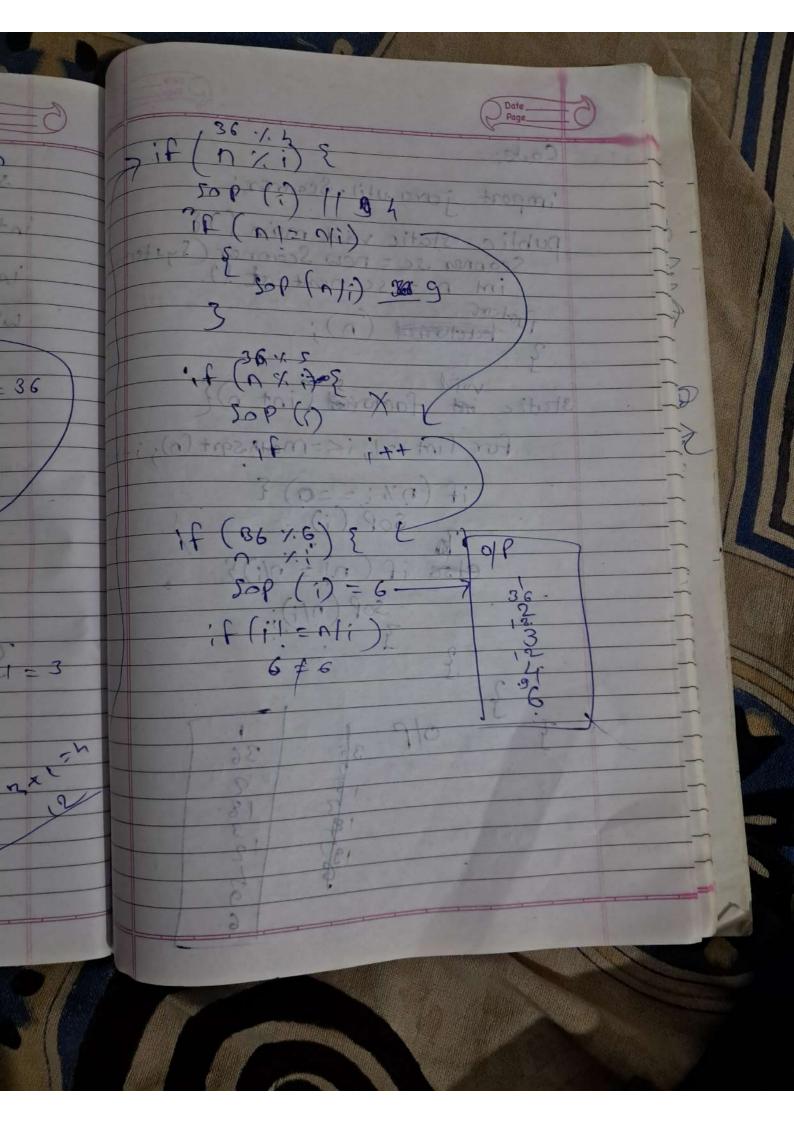


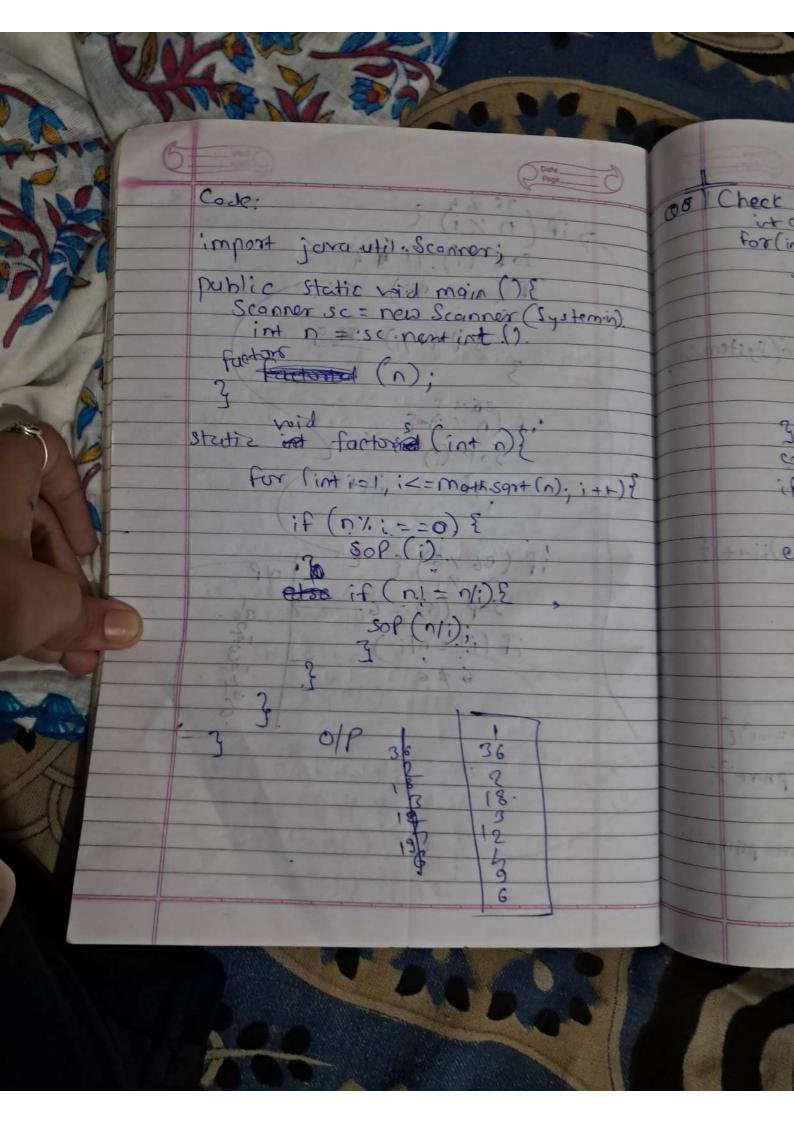
Check if a number is Armstrong Number count = by function calling int sum = 0. unile (n > 0) { 91(2) int remainder = n /101 Sum = Sum # + remainder power(court) n=n/10; 110+3=27 if (sum == n) sol ("Armstrong"); else SOP (" no' Armstrong), while In >0 Sum = Sum + remainder nover cour 20 = 27 + 53 = 125+27 = 152 n=n/10; // int remainder = 11/10 = 17/10=1 sum = gem + remainder n=n/10=/10 2 while (170) 0701

stati Code. at di import java. util. Scarrer; Class Demo; While public static wid main () } Scanner se new Scorrer; int n = sc. next int Count (n) is Armstrong (n) 3 ("promemore") got stati = valed count (int n) 2 int count = 0; when to 02 - while (n >0) { + 10 = 000 Tint remainder = n 1/10; courtty return count;

static int is Arm strong (int n) { int digits: count (tot n); jet sum = 0; 0 -1 108 sum =: sum + remainder, math. pow remainder, (n = = sum)Sop ("is Armstrong") else Sop ("not Armstrongi);







Check if a number is prime is not for (int is ) is = mathype (n); i++) () 508 500 (Systemin) CON+ ++ (F (count sel) >14012 part (par me) but (out byat) ( ay : = = 29) (count(==1) else for Prine

import jara util. Scanner; Class Demos mixpsvm () } Scanner schew Scanner (System. in). int n = sc. next Int (); 2 feators (n); Static void fuctors (int n) { int count = 0; for (in+ i=1; ic= math. sqrt(n); i++) & if (n/i==0) { if (n # = n/i) { if (count == 1) { Count ++; Sop ("is prime"); 3 count to; Sop (" not prime");