

for loop

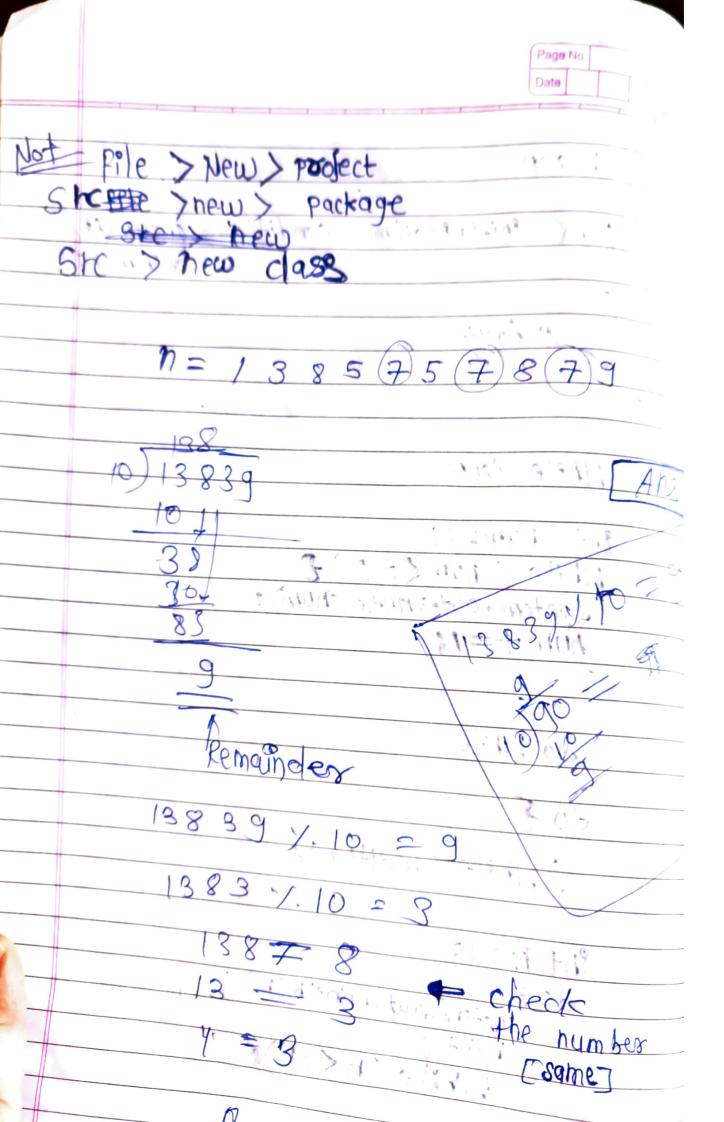
for (initialization; condition; increment)

decrement) for loop 11 body Whole loop. Int num=1;

While (num <=5) £

System • out-printin (num);

hum +=1; do While do { JUhile (mdition); Pht h = 13 Systemooutoprintln(h); h++: While (h <= 5); d0 3



```
h= 13839
  countso
  Soln: -
 public class countriums &
   Public State Uoid main (strenge ] args) {
    Pnt h = 455363
    Pot count = 0'
    Hhile (n>0) &
       Pnt rem = h 1/2 10;
       1f (tem = = 5) {
          count ctt ;
     system.out.println (count);
                      Ans 1-79532
    h= 235 97
                          Reverse No
any :- 7+10+9= 79
                        23597
    79 + 10+5=795
    795 $ 10 +3 = 7953
      7953 *10 +2 = 79532
```

```
program:
Public class Reverse {

public static word main (string[] an

fnt hum = 28479;
           Int ans=0;

While (num >0) {

int Hem = num. 10 }

hum /=10
              ans = ans * 10 + Hem;
       System o out o printin cans);
```

```
Program Calculator
public class calculators

public static word main (string [] args {

Scanner (system.in);
       // take cubit thom used till abendoes not
fntans=o;
While (frue) {
 // teake the operator as input
system.out.print("enter the operators) ;
char op = in. next().trim().charat(o);
  8f (op==(+1/10p==(-)/10p==(*)-110p==(/)
    11 op==(x,1) ?
// input two numbers
    sustem. out. Prant ("Enter two numbers;");
      Pn+ hum 1 = Pn. nex+2 Mt();
     Pht hum 2 = Ph. nextInt ();
      9f (op=2 1+1) {
          ans = num + num 2;
           (op = = (-1)){
ans = hum 1 + hum 2;
            (op==(*1)
               ans = humi * hum2
```

Page No. an switch statements you can jump to ()ouions cases based on your expression. Syntaxeextens Switch (expression) 5 / case rase me: // do something break: case two; // do Something 11.1 break; default; 11 do Something Cases have to be the same type as expressions must be a constant or Interal duplicate case, values que not allowed break 9s who terminate the dequence.

If break 9s not 4sed it will continue to next default will execute When home of the above of default is not at the end int break after It.