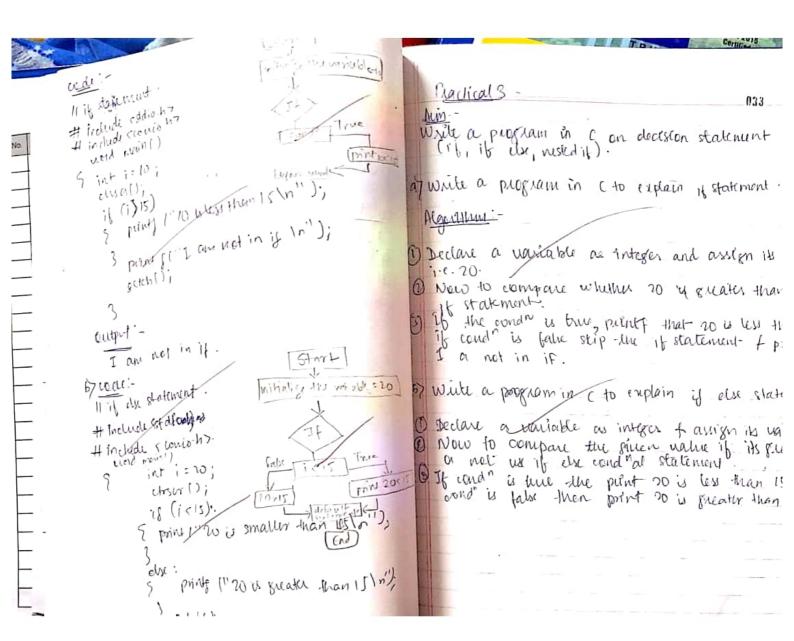
Houde made Practical # include rstatio.hz 030 ++ Include Cionioh >. Mini write a c program to understand the ucid main () int noll-us. cheu nama [10], mobile - rollo]; float parciniage; Macuillan: -O Hickory a wright hotger to steer not no., a chrsu(); from I like the student's name: ("); float variable to store percentage of two string aways the string name and mobile us. 3(onf (" /3", frame); bung ( enter student ; wilno : 10), scord ['/d', fooling); O Print using the print Doubled to as for Values printf ("Enter student's mobile to. 17"). scanf (" & " of mobile - no); and use fearly i) to get the required agrees. point ("Enter student's percentage: la"); scury ("-1,1", from centage); printy ("student's name . 1.5 la", name); O After ricing the value, print them one by one using the print [1) etatement. Tonny ( student s not use fall, not no). Conclusion: mny l'studen's mobile no: 1. s/n', points ("student's percentage ... 11" gordies) Thus, the integer, choroter and libert data types hour - been Audich. 3E 176 (); output: -Enter student's nours: Vaiden Enter Student's ral no: 186 1 ENFOR Studing's porcentage; 89.12 anin student's mobile no: student's porcentage: KS 1700 99999999

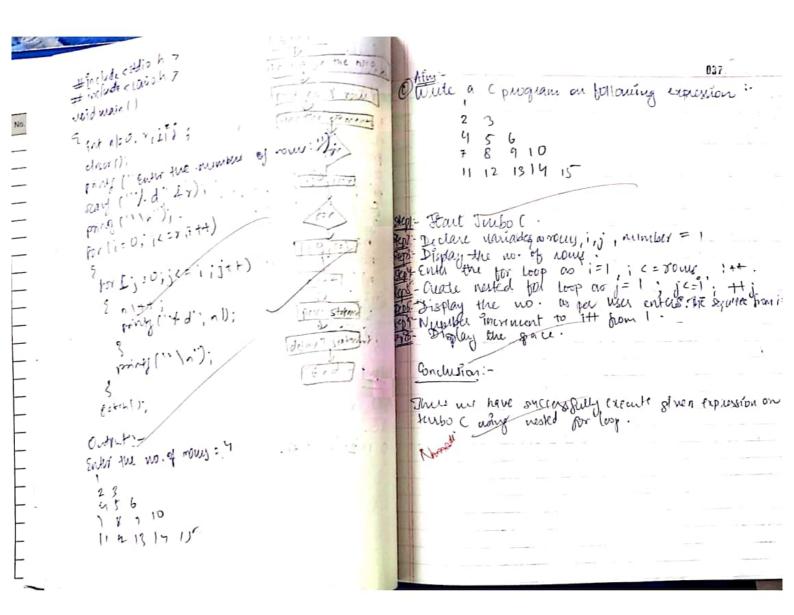
Holymunic calculator. ar con : Handlede (stdio. h) Puclical 2:-. . H include crown ho void main () Abre Write ( program on operator & expression. int num! num?; div, div, while a program to wrate a dynamic calculator. printf ( "Entry first number Algorithm: s can't ("I'd" f num!);
prints ("Enter second number : 16" Stepl: Declare a variable name for first of second number as integer. Now we scan in to secure input from user s(any ("1.d", & num2); Steps: Noto to add I rives given by usu, use the add f num I + num 2; expression number 1 thim 2. Sub = numl-num2; stepu: - Now to sub two nors given by use, use mull-inum 1 + rum 2 . crepussion num!-num? div = nunil/numz - Again ux (spession rum 1 to rum 2 y use mirty l'Addition of it a and I d is 7.flm intshes to multiply the two inputs rum (numz, add); - Use expression rum / rum 2 if is a wisher milt ( Britis cand d-ta and 1.4 ? - ? - I lu) to divide the two inputs. mum1, mim2, sub); Sept - wow we print function to diplay output. "Multiplication of Id and Id & Ifin, Mumi, num, muito; month ( Division of 1 a and 1/4 is 1.f/n", num 1, num 7, div); SCHOLD.

OLLEPUT -Enter first no = 4 b) with a program in ( to niple in ternary exceptor. order second no = 4 032 Addition of 4 f 4 is 8 Subtraction of 4 and 4's 0 Algorithm: Multiplication of yand 4 is 16. Supt Dictare variables 7, b fx as integers Division of 4 and 4.051. significant the value of a as 5 & store the value by cools: of basis Start 11 turary operator Alpi-Now to compare of w who is greater use # include < stolio. h> ternary operator i to sind? # include (conio. 4) uoid main! Stept-like printf function to display output. int 9, b, 71; choses (); d. 5; conclusion: D: 15; These propherios help us in having better M= (0 7b) ? 9= b; understanding about operaters & expossions. bount 2 (m)? Stock (); outp ut (5'



Erepted .-Quality a prefrom in (to explain nexted y 20 is greater than is. Sar iz cedi: # nested it Kon hur: Indian a uniable as integer and assign value res # include - staio. hy # include c could by a reacted rester of the compare if sheen no used muin () I find country is there then go to second cools. Pet 1 = 20, [00 100.1] Clastr (); are not han 15 L17. If one of the cond's are not have sun stip the part + print to by greater than 15 +12. if (15/5): y (1 < 12). 2 ponts ( no is less than 15 21 Conclusion: else: Those programs help by to understand the & prints (" 20 is greater than 15 &1 existed is if if its it rested its conditional getch(); output 20 4 greats than 10 712.

#include astion (i) write a c program and ibonacci series. # include c conio hy 036 void main! 1 Start Aim To write a program on finonacci scriez. Equit u1=0, 42 -1. 43 mi, number; In trality of Maulbu: prints ("Eater number of elemental") Declare the variables of no. n3, 1,00 mo. 0. (6) Initially the variable of filonacci occups to be scary (" . / d', frumber); Carlo de for (1= ?; ) ( number, it+) (i) the for loop as per fellowing step: n3= 11+n7; prinsf("+d", n3); n1: n2; . n3 = v1+1 2 2 = 03; 11=12 getch () ; 11:02 112-13 12 = 13 Increase the value of I elements each time @ Mint the value of 110%. Output (9) End the program Enter number of elements conclusion -8 . Thus , we have succeedably execute tibonacci 0 11235813 2000



Reduced 5.

Alphi C program to find largest among numbers wing any

Myouthurs.

Supl-Start Julps C application.

Supl-Declare the variable i and integer array of [12]

Supl-Declare the variable i and integer array of [12]

Supl-Declare the variable i and integer array of [12]

Supl-Declare the variable i and integer array of [12]

Supl-Inter the for loop at 1-0,1<10 and scans the value of of its for the for each of the for the first and for the foreign of its fore, the global statement to duck if a [0] soli) if tare, the good dog.

Supl-Junionale the program.

Conclusion:

Thus, we have eneated the program processfully.

Stort

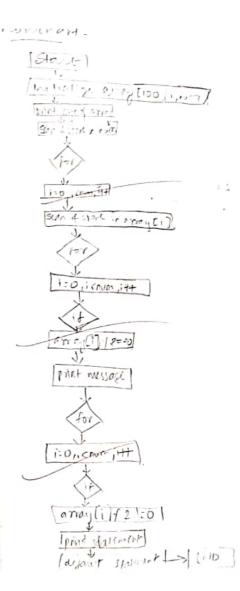
Investigation

Teo icro, 144

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output in demants
                                                 Soma Code:
                                                                                            039
                                                  #Include estatio. h7
                                                 Hinclude Sconio-ho
                                                 weed main()
 3
                                                   int attol, i;
 22
                                                   polyson (),
                                                   privil ("Enter the devents of the Fst \n"),
  IN
The largest number is 100.
                                                     scard ("+1",40 [i]);
                                                    fort 1=0; i(10; i++.)
                                                      1 ( a [ o] ro[i])
                                                   prints ("The largest number is " y.d", a[0]);
```

9 Himi- C programs to find over and odd numbers using - array Algoriahu: -Supt Tract Tubo (application. Stor - Declare the variable is now and away (100). Link Privat the message for entering element. Stare it in nur uniaple. Ripi- Enter the Mr loop at 1=0 ornum and increment it store the denut in array (i). suptr- Give the point nessage for even numbers.

War to loop at i=0; f roum and increment it
Our if what from for even numbers. Time the privit mussage and of for displaying. condition to chick the array element is old Reps: Give the Pant message. Exist for loop. Rep. Furrinate the program. Conclusion: Thus, we have executed the profram Successful



Enter the eye of the away -5 the dement of array Enter 45 que no in the away we: odd no. in the array ore: 95 21

Source code -# include < statio. h7 It include ( wino by int array [100], i, num;

printly ("Enter the aze of the array n");

scarf (" to d", f num);

printly ("Enter the dement of array "n");

for (1=0; i < num; i+1) scan (" I'd", farray [i]); print! Even no in the away are ."); for (i=0; , (num; 1++) If ( anay [i] 1.2:0) Prind (" - pd 1 t", anay (1); points ("In odd no. in the away as 16 (away [i]. / 2 ! 20) pring ("/d \t", away [i]); gen(),

Application

Magnithm

Mini-C peoples to find annual and from using away.

Mini-C peoples to find annual and from using away.

Mini-C peoples to find annual not produced by no number of the part of the people and inconvent by hylogen for annual number of the produced by no minimal statement for amerage and sum with the program.

Mini-Chiu pant statement for amerage and sum.

Mini-Chiuson
Thus, we have excuted the program successfully.

I Start |

John Moly noi

John Million 100 proport

John Startment; 141]

John Startment; 141]

John Startment

John Startment

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John Startment

Enter the no- of denients: -4.

Enter nol: 3

Enter nol: 3

Enter no. 2: 4

Enter no. 3: 5

Enter no. 4: 6

En

firchede (stdio-h7

Hirchede (stdio-h7

Weid maret)

Ent n, L;

yeat num [100], sum = 0.0, aug;

closer(),

printy ("Entu The no. of clements");

sang ("Id", In);

printy ("Entur no Id" it);

sang ("If", frum[i]);

sum = rum tyum [i];

aug = SumIn;

printy ("Average = Pef", aug);

Printy ("Sum = 1.25", sum);

Setch();

Scanned with CamScanner

Mediate file freshed way attension

We have a file for application.

The Declar file in make fortenial, no and we see operand for attending to the part statement for attending to the part statement for attending to the part statement for the defendant for the part statement.

The part statement for the program.

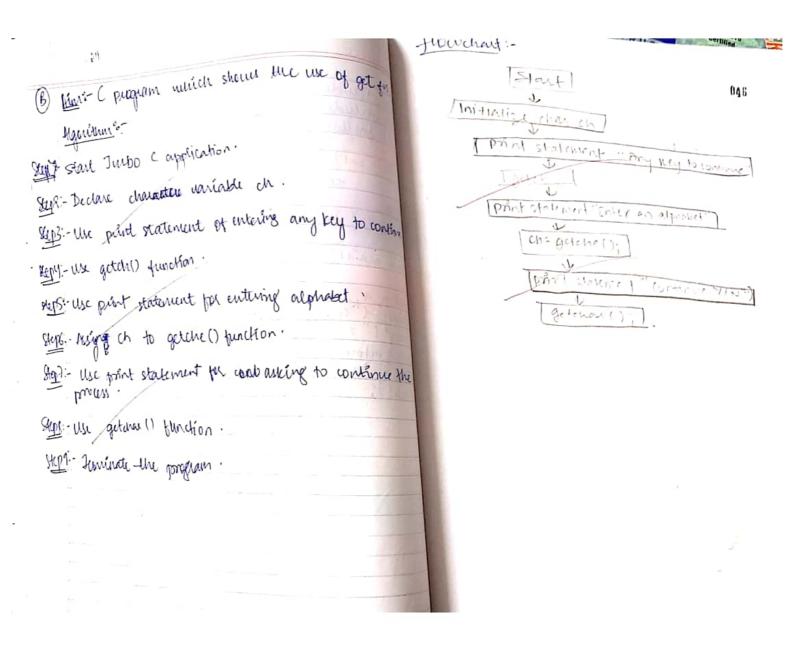
The part statement for the program.

The part statement for program.

The part statement for program.

The part statement for the program.

Source Code:-	045
100	
#include c strio. h 7	
# include < waitor h >	
int factorial (int n)	
If (n>=t)	
return n + factoria	of (n-1);
else	
setur 1;	**
3	
void main ()	
2	
int n, a;	
int n, a:  printy ( enter a positive  scano ( 'i'd', fn);  a= factorial (n);	"integer");
scang ( i'd' fn);	
a= If actorial (1);	
estable la contracte de la	d u /d", a a);
getch();	
3.	
	1.



Piess any key to continue Enter an alphabet & continue YIN - N. # include < statio ho # include < como ho wich main()

char ch;

prints ("'n Press any key to continue");

getch ();

prints ("'n Enter an alphabet");

ch = getche ();

pints ("'n continue 7/N");

getchen ();

3. Fource Code:

## include = stolio.h?

## include < conio.h?

weid main()

char ch'b';

other (1)

pute h (ch);

getenon (1);

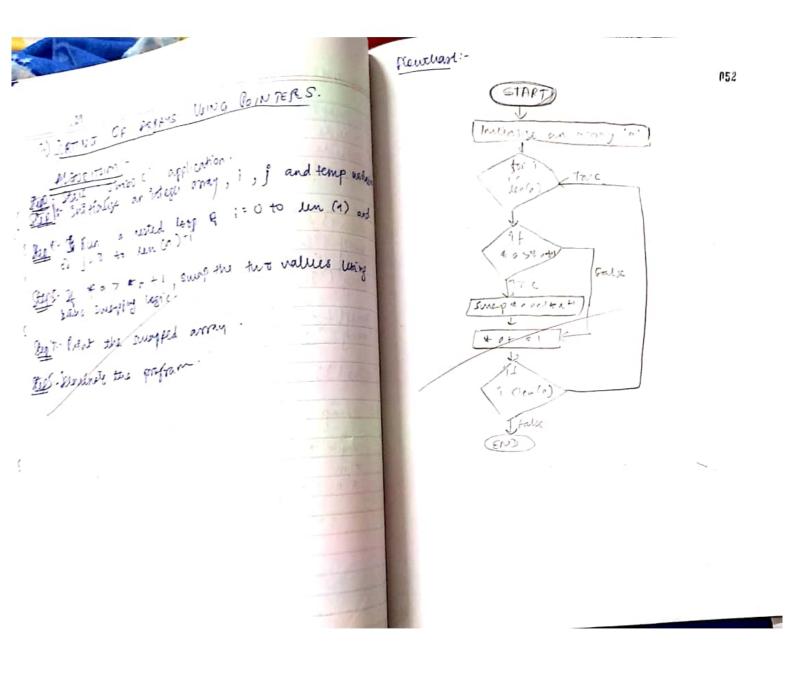
I on massion

Here we have accounted the pregnang for confully

prosent.

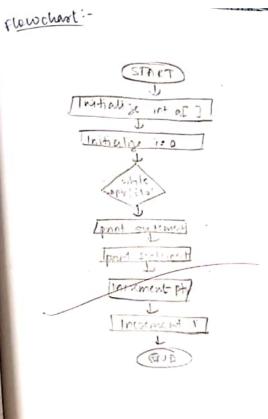
Rapical-7 1 Swaper wing Pentus: 050 Ains: Algerithm: Step! That the Tubo c'application values of var gord: Lectar a 4" prototype with two "integer postness as arguments before entiring main (). (END) Sulap (# 9, xb): they regar the rejective nature mand burth (). Soft- Pair the address of the naintless as arguments for the temp variable tunction. temp: 4a Reps. Pant the worder value of the variable. definition, but instead of normal variables, use pointess (CND)

Gusted



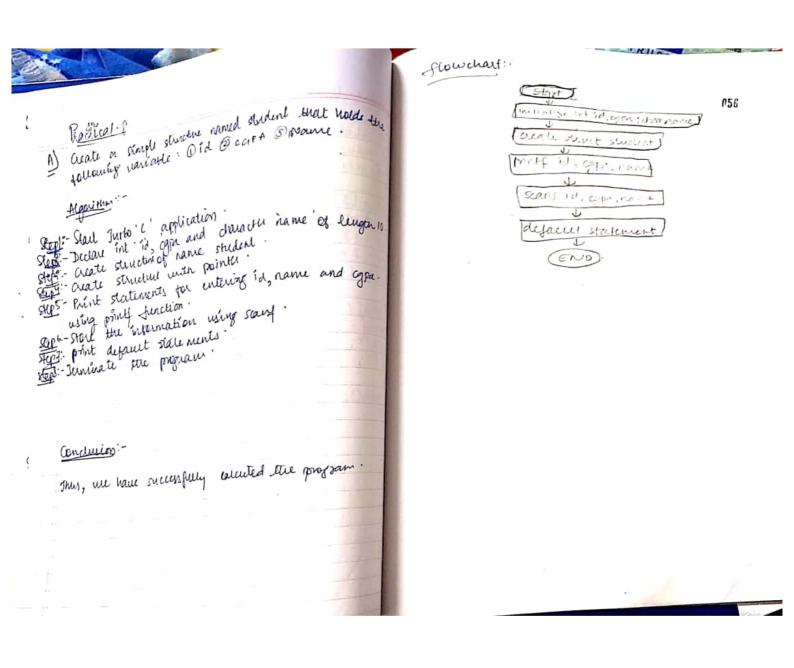
Algorithm:

Algori



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out.
The white of alist
The address of a 19 2 66370
The training
              65572
            -5 Te 8
The addite
Ti, oddin & .[a] - 65524
nia value to
   with Solules
   while 5 0 [0] = 7 55 16
-11:1
fil
    addix of "[1] = 65518
    value of o(3) = 9
Th
The address of [2] = 65520
    will of a [i] = 4
 JW
    WILL & 6(3): 65522
    132 of a C37 8
THE
    addres of = [a] = 65524
JVE
JUS
```

```
forsa andi:-
                                                        155
# Include - Staish >
of include < conich >
usid main ()
11st a [5] = [7,9,4,8,23;
int * pts;
int i=0;
ptr=fa[o];
uehile (+ptr 1 = 10)
prints ("Inthe address of a [12] = 14", i, pb);
prints ("In The value of a[12] = 14", i, + ptx);
ptx++;
 i++ ,
 3
 getch();
```



Enterior of the Part of the Pa

```
agrice code:-
                                                            057
 # Include ( como. h)
# include rstallo. 47
struct student
   int id, cypa;
  chas name [10];
world moun ()
    struct student + p;
    checor();
    prints ("In Enter id:");
    scary (" /d", fp > Id);
prints (" In Enter capa:");
scary (" In Enter capa);
prints (" In Enter name:");
     Hush (stalin);
     scand (" 4 s", p > name);
     pointf (") n * + + + + * * \ \");
     point ("In Id = 1/d In Egpn = 1/d In Name = 1/5", p->id,
     getch(); p > cgpa, p > name);
```

Sop Flowchart ii) use of stand ! Algorithmi - Chon-line Turbo c'application. Peri-Define a stevet and the the input as done previously Stylis- New define a first calculate total manes oftans Mey - Print this along with the student data. Pos-Linarate tu prepiam Same rode :dup into cole (int n) eturn 60 x n PANT " Jutal mants obtained " tod"; 1/d (

START)

dest of n to the my +

Initiale a stret

The flu care som

street street

Print the street date

and value of turchon

John mars: 600 John Mars obtuned: 540 Trelas o union and production of the state of entired to the state of the state of

r59 start the turbo c application. the the union keyword to declare the union of different In the nain bidy of the function, we the it take How print all the data of which. Terminate the program.

# Saula and "

# include < sidio h 7

# include < conio h ?

# include < sidio h ?

# include < conio h ?

# include < sidio h ?

# include < conio h ?

# include < sidio h ?

# inclu

Concusion:

Thus, we have exaciled structure and union program

Enter the delail

Rochel

B

9876543210

92.6/

The dilai to of the student are.

Bell no:-1861

100ms:- Rochel

Div: B

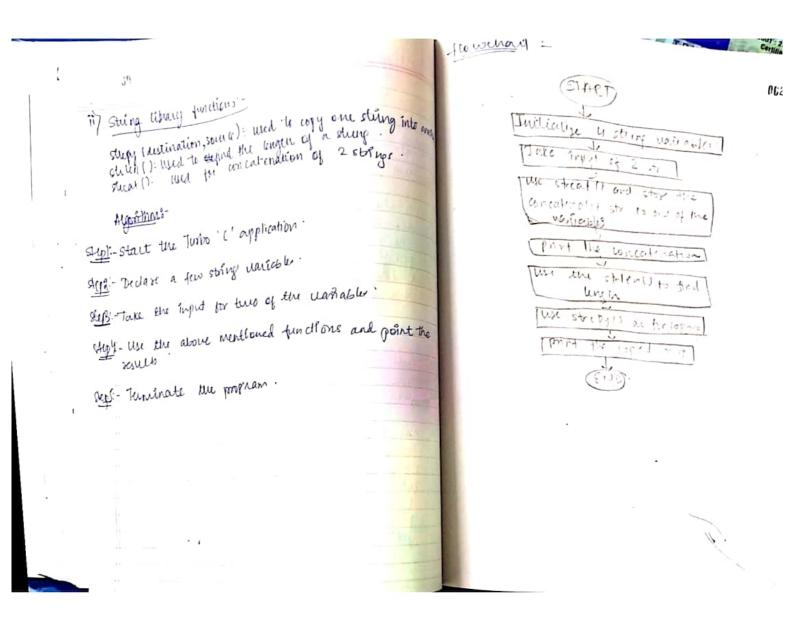
Lontact no:- 9875543210

Percentage:- 924/.

The Holy start of and start of the start of

Enter a shing of Programming language.

Bactical-9 061 tim: Various exerctions on strings in 1 c'. copyling a string ( without In-built function). Machthm:-- open the Tubo 'c' application. Get the value of the string wing gets (). - Print the points nanable's value of End the program. fource coels: -#include - como. h7 # Prochede ( state h > ucid main () Chan + t, 5(25); printy (" Enter a string:"); gets (5). printle (,, lu the cobject extent is 12 ! + F)) }



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Rocket

Rocket

Green

The constant of they is touted order

-ne beyth of stray is !!

Gry of the original stray: Packet
```

```
# Source rade:

# Source rade:

# Include < comio h 7

# include < statio h 7

# include < statio h 7

weid main()

Char a [20], b[20], c[20], d[20];

printf ("Enter the stings: \n");

get (b);

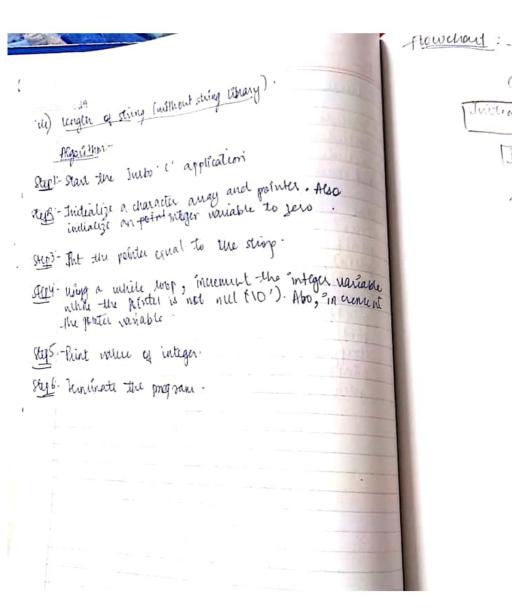
C= stac at (a, b);

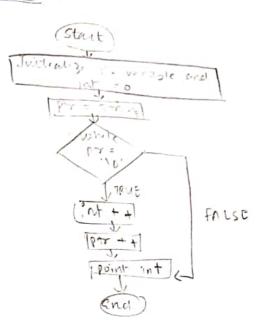
printf ("The concatenated strup is: 15", c);

stropy (d, a);

printf ("Copy of the riginal strup: 4. s", ct);

getch();
```





Output: Enter a string: This is a text
regeth of oring:

```
H source lodg:

If include reaction is

# include station is

# include station is

that they = 0;

printly ("Enter a string:");

gety (a);

t = a;

while (* t = 10')

flag + t;

1 + t;

2 printly ("In length of string: "/4", flag);

Satch();

Conclusion =

Thus we have executed programs based on strings

successfully:
```