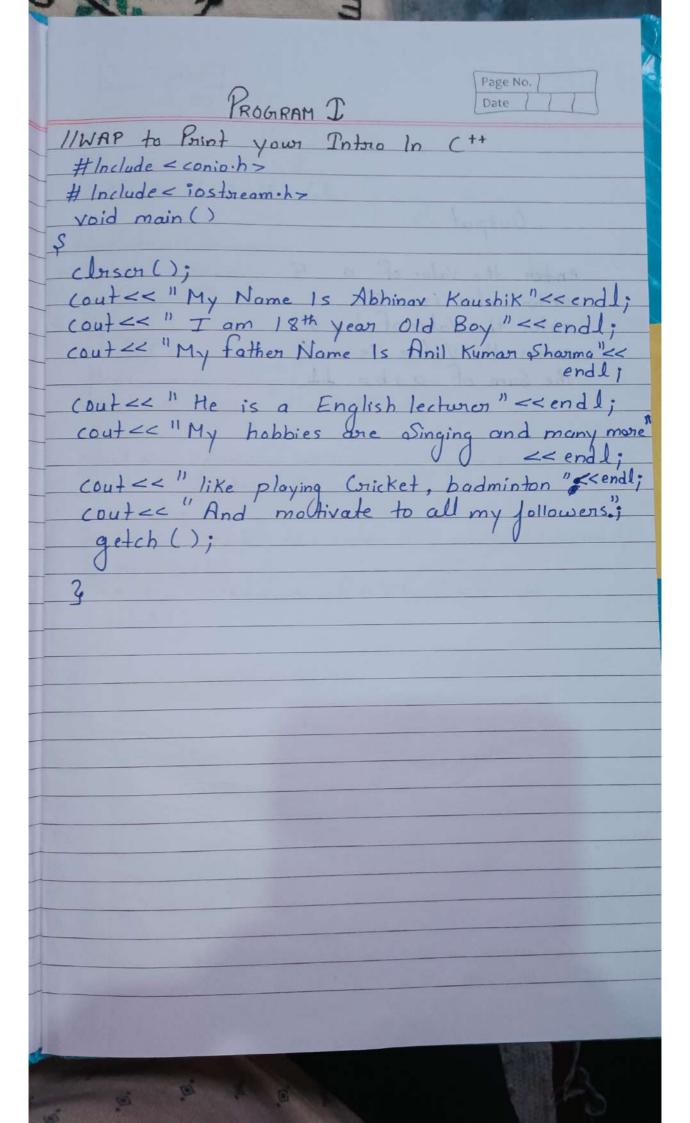
Poges Remork Vrogram Names S.No 11WAP to print your Intro 6+ 11 WAP to print the Value using Variable 11 WAP to calculate sum & ang 3 of three number. 11 WAP to calculate area o Circle, rectongle, triangle 11 WAP to print the basic detail of student wing diff data type 11 WAP to use (in & cout by using user-defined function 11 WAP to use Enum date type II WAP to use new operator in 1/WAP to use of stoucture in 10. IIWAP to demonstrate use of reference variable 11: 1/WAP to use scape resolution operator in Ett IIWAP to occerving data members of class in CHO 11 WAP to adding two no in class 14. IIWAP to show the concept of encapsulation using class in 15. 11 WAP to using multiple June or in class for mathematical operation. 16. //WAP to show the concept of abstractor wing mathly header lile

Page No. | Date | | | S-No Program Names MWAP to show the concept of abstraction using math h headen Pages Remark file in class format



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	Magnet Land
011	
Output -	
11 11 Allians Kaushik	
My Name 15 Noning Nach	
1 am 18 year old Day	Sharma
My Father Name 15 /mil Nume	
He 15 a English rectules	man, mane
My Name Is Abbinav Kauchik  I am 18th year old boy  My Father Name Is Anil Kuma  He is a English lecturer  My Hobbies are Singing and  like playing Cricket, Badmin  And motivate to all my to	lan
O- J Playing Cricket, U Badmin	)
Tha motivate to all my to	Howers.
	No.
	La Company

#### Program 2

IIWAP to Print the Value Using Variable

#include < iostneam.h >

# include < conio.h> void main ()

clason ();

floate a, b, sum; cout << "enter the Value of a";

cout << " enter value is = " < < q << endl;

cout << "enter the value of b";

(in >>b;

couted "enter the value of b = "<< b << end )

Sum = a+b;

coute "the sum of a+b= " << sum;

getch ();

3

Page No.
Date
J. MARION
the a fall ambell colors begins a
The state of the s
The second secon
Output -
- varpax
enter the Value of 9 5
enter value is = 5
enter the Value of b = 6
enter the Value is = 6
the Sum of a+b= 11
basts branchet anight a sight a si
mare been perpette and application and many
Ban Sas I D V
ex " advinted talled pude last " se
ter " And machine to all my fallower
· CANA

Page No. Date

# Program 3

// WAP to calculate sum & ovg of three number.
# include < iostneam.h >
# include < conio.h >
void main ()
Ş
clasor();
float a, b, c, sum, avg;
cout << "enter the Value of abc";
cin >> a >> b >> c;
cout << "enter the value of abc = "zcaccbcccceendl;
Sum = a+b+c;
cout << " the sum of a+b+c=" << sum << end );
ara - (11m / 2 ·
cost << " the avg of given no= " << avg; getch();
getch();

4

Date Output enter the value of abc enter the Value of abc = 271 the sum of a+b+c=10 the avg of given no = 5

Page No. | Date | |

### Program 4

// WAP to Calculate area of circle, rectangle,

# include < iostoneom. h>

# include < conjo.h >

void main()

drison();

float rad = 3, area;

Varea = (3.14 \* nad \* nad);

cout << "area of circle is " << area;

getch ();

4

Page No.   Date
The manual of the second
from bond the free number
Output -
area of circle is 28.26
area of circle is to to
The state of the s
Miller To the To add to Al what is held
Manufacture of the second seco
the delication of the second second and and and and and and and and and a
A-I
the state of the s

Page No. Date Area of Rectangle # include < iostneam.h > # include < conio h > void main () drson(); int length, breadth, area; cout << " area of rectangle In "; coute "In enter the length of rectangle: "; couted" In enter the breadth of rectangle: " cin >> breadth 1; area = length \* breadth; cout << "In area of rectangle: "<< area; getch ();

	Page No.
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The second second	
Output -	107 01 000
V S I P M	· al manuf
area of nectangle	
V	
enter the length of rectangle:	. 4
enter the length of nectangle: enter the breadth of nectangle	
area of rectangle: 20	1 ( ) monds
0	short tool
- Charlet have the	Let Lesmil
mand cincle is element.	A 33 1688
	- Alten
	1 - 14 11 17

Page No.	
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## Area of triangle

# include < iostneom.h>

# include < conio.h>

void main()

clascor();

float b,h, area;

(cout << "enter base length of triangle: ";

cin >> b;

cout << "enter height length of triangle: ";

cin >> h;

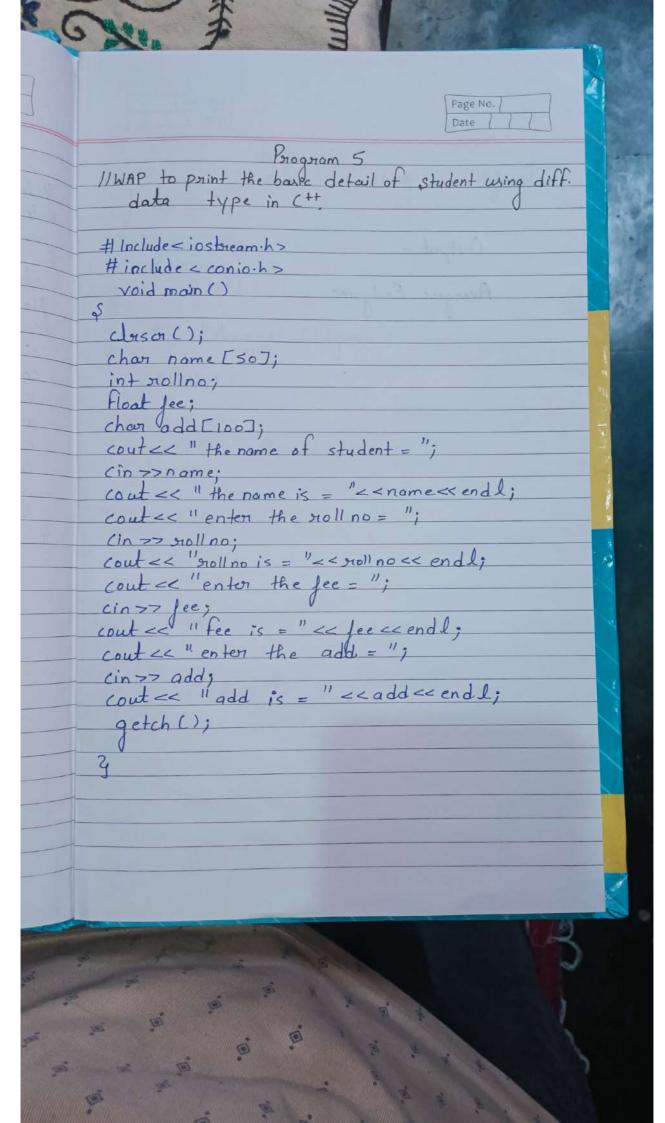
area = 0.5 \* b\*h;

cout << "In area = " << area;

cout << endl;

getch();

		Fa work	Page No. Date
		- America	
Output -			Chainer him
enter base enter height	length of length of	triangle: 2	6
areq = 0	To Alexander	apher la	and the last
	7- 44-	A self-makes	Alender II
		· ·	There are all
in the second	1 1 1 1	han la na	- 1/1 xx 100



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### Output -

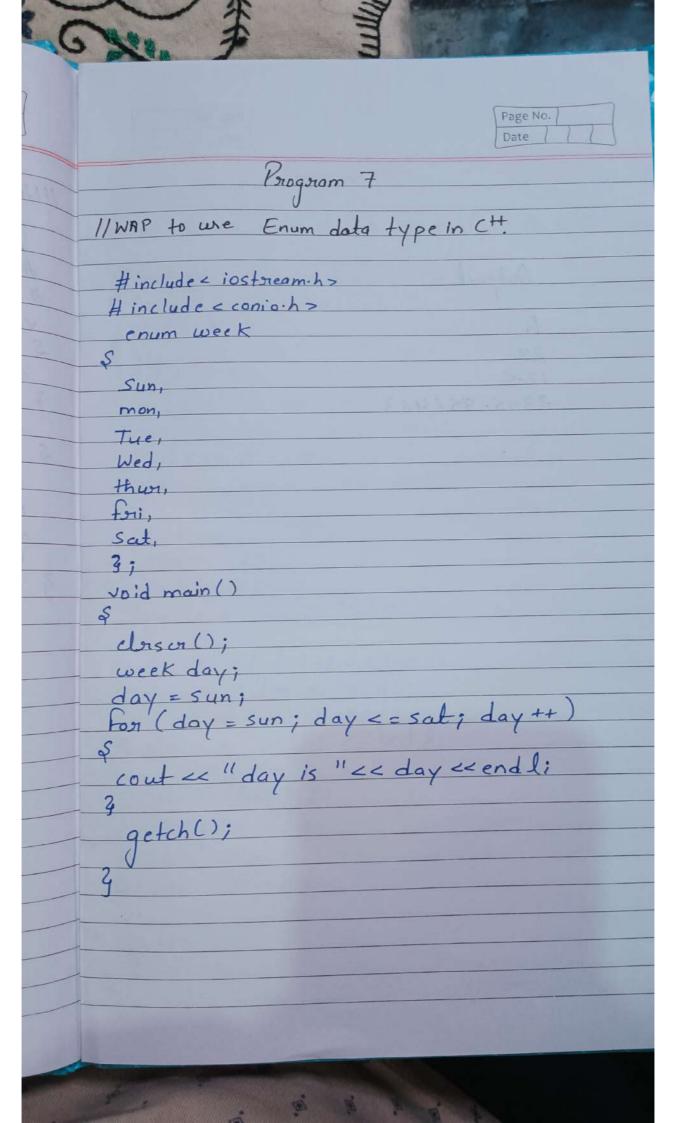
enter the name of student = abhinary
the name is = abhinary
enter the roll no = 362

noll no is = 362.
enter the fee = 35,300
fee is = 35,300
enter the add = IP BSM
add is = IP

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Program 6	
MAP to use (in & cout by w	ing usor-delined
Junction.	
Juncties	
#include < iostoream.h>	- knakel
# include < Conio.h>	
void marvel ()	D of take
C	1 452 44
cout << "Avengers Endgame"	· ,
3	P - A - plan
void maln()	
S	SIS VOS
descr();	alayah -
marvel (); 11 call	
getch ();	
getch ()	
4	
	7 - 3 - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	A CONTRACTOR OF THE PARTY OF TH

1 05- .... Date Output Avengers Endgame



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Analoh result paint	• const
<u> </u>	mandadi wakili l
Output -	amaile alalis
	Mayerm 13
day is 0	
day is 1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
day is 2	
day is 1  day is 2  day is 3	Chalan Di
day is 4  day is 5  day is 6	
day 15 5	
ay 15 0	1 1 10 3 10 15
	- I Nome to
	11 7 10 10 10

Page No. Date

### Program 8

II WAP to use new/delete operator in C++

# include < iostgream. h> # include = conio.h> void main ()

(loson(); interalue new int; chan\*alphabet = new chan; float \* point = new float; double \* jyaada = new double;

\* alphabet = 'A'; \* Value = 23;

\* point = 12.5;

\* Jyaada = 2345.856463;

cout << \* alphabet << end l;
cout << \* value << end l; cout << \* point << end !;

delete alphabet; delete value; delete point; delete Lyaada;

getch ();

Page No. Date Output -12.5 2345.856463

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Program 9 f Structure in C++. # Include = rostneam. h > # include < conjo.h> Struct books chan title [50]; Float price; int pager; chan outhan [50]; char sub [30]; void main () clorson (); books st; //instance cout << "enter title"; cin >> SI. title; coutes "title is "<< 51. title << endl; cout << " enter price"; cin >> s1. price; cout << "price is "<< s1. price << endl; cout << "enter pages"; cin >> s1. pages; cout << "I pager is "<< s1. pager << endl; cout << "enter the name of author"<< ends; cont << "author is "<< st. author << endl; cout << " enter sub"; cin >7 S1-sub; cout << " sub is "<< sl. sub << endl; getch ();

Page No. | Date |

## Output -

enten title hero

title is hero

enten price 230

price is 230

enten pages 40

pager is 40

enter the name of author sahani
author is sahani
enter sub War

	Page No.   Date
PROGRAM - 10	vaniable.
//WAP to demonstrate use of refer	ience voir
# include = iostream.h>	
# include < conio.h >	
void main()	No. Charles
\$ ():	
(luson ();	
int a = 20; int & Abhinov = a;	
coute « value of a = "<< Abh	inay;
getch ();	
2	
NEWS TO SELECT THE PARTY OF THE	

Page No.   Date	
Date 1	1
HE I WILLIAM DE	
	1
Outsit -	
Output -	
Value of a = 20	-
varue or a = 20	
	Y
The state of the s	
Oiora N	0
1 ) -1/2/2	
manufactured to the second	- 13
Mallit refine Visite	3
1 5 1 1 1 2 2 2 2 2	18
all has be attituded in the state of the	
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the state of the s	-
the state of the s	
ANNE DE LA CONTRACTION DEL CONTRACTION DE LA CON	
The same say Very to the	1
The standard of the standard o	-

Ynogram II
Program II.  //WAP to use scope resolution operator in CH
TIWAL TO THE TOTAL
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
# include < iostoream.h >
# include < conio.h>
int abc = 30; 11 Grabal variable
void main ()
S
drscr();
int abc = 20; cout << "local variable is = " << abc << end   cout << " global variable is = " << o: abc;
Cout 22 local variable is = 22 abc 22 that
cout << " global variable is = << :: abc;
getch();
9

```
Program 12
//WAP to accessing data members of class in C++
# include < iostoreom.h >
# include < conio.h >
 clan section
 public:
 chan name [50];
 int id;
void input ()
 coutec "enter your name ";
 (in>> name;
 cout << " enter your id ";
 cin>> id;
 cout << nome << endl;
cout << id;
void main ()
clasor ();
Section A;
A. input (); // function call
getch ();
```

Page No. Date / / / Output enter your name enter your id ABHINAY 362 ABHINAV 362

Page No. / Date / / /
Program 13
//WAP to adding two no. using class in C++.
#include < iostoneom.h>
# include < conio.h>
class mathematics
\$
public:
int a, b;
void input ()
\$ 1
cout << "input two numbers \n";
2 cin>>a>>b;
void add()
\$
cout << " Result is: " << a+b;
3
3;
s void main ()
clasor();
Mathematics A; A input ();
A. add();
getch ();
7

Page No. Date input two numbers

MAP to show the concepts of encapsulation using class in C++. #include = iostreom.h> # include < conio.h> class encapsulation 11 data member loat nodius; 11 member function cout << " enter a radius = "; cin > > radius; cout << " area of circle = " << area; void main ! encapsulation box; box: cioncle(); 3 getch ();

HWAP to using multiple func. in clan for mother matical operation. #include = iostoream.h> Hinclude < conio. hz class math int a, b, c; void add () cout << " enter jurst number = "; cout << 11 enter second number = cinssb; C = a + b; cout ex " add of two numbers = " Lecelend!; cout << " enter just number = "; coutee" enter second number = "; contections of two numbers = "<< c;

## Output-

enter first number = 2

enter second number = 3

add of two number = 5

enter first number = 2

enter second number = 3

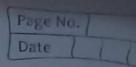
Sub of two number = -1

Program 16  11WAP to show the concept of abstraction using math.h header file.
#include <iostneam.h></iostneam.h>
# include < conio.h>
# include < math.h >
void main ()
Ş
drsor();
int n, power, result; cout << " enter a no: ";
(in >> n:
cout << " enter power far given no. ";
cin >> power;
Tresult - DOW (n. DOWER);
result = pow(n, power); cout << 11 result " < result;
and the ().
getch();
J V

	Date 7
	Jan Bridge
Output -	
enter a no: 2	
enter power lan alven no	2
enter power for given no.	_
DESCIT 1	
	711010
	THE STATE OF
	Service Committee

PROGRAM 17 IIWAP to show the concept of abstraction using mathin header file in class farmat. # include < iostneam.h > # include < conio. h> # include < mathin> clan math int n, power, result; void square() cout ex l'enter a no. cout << " enter power "; cont < " result " << result; void main () \$ drson(); An. square();

getch();



Output -

enter a no. 3 enter power 3 result 27