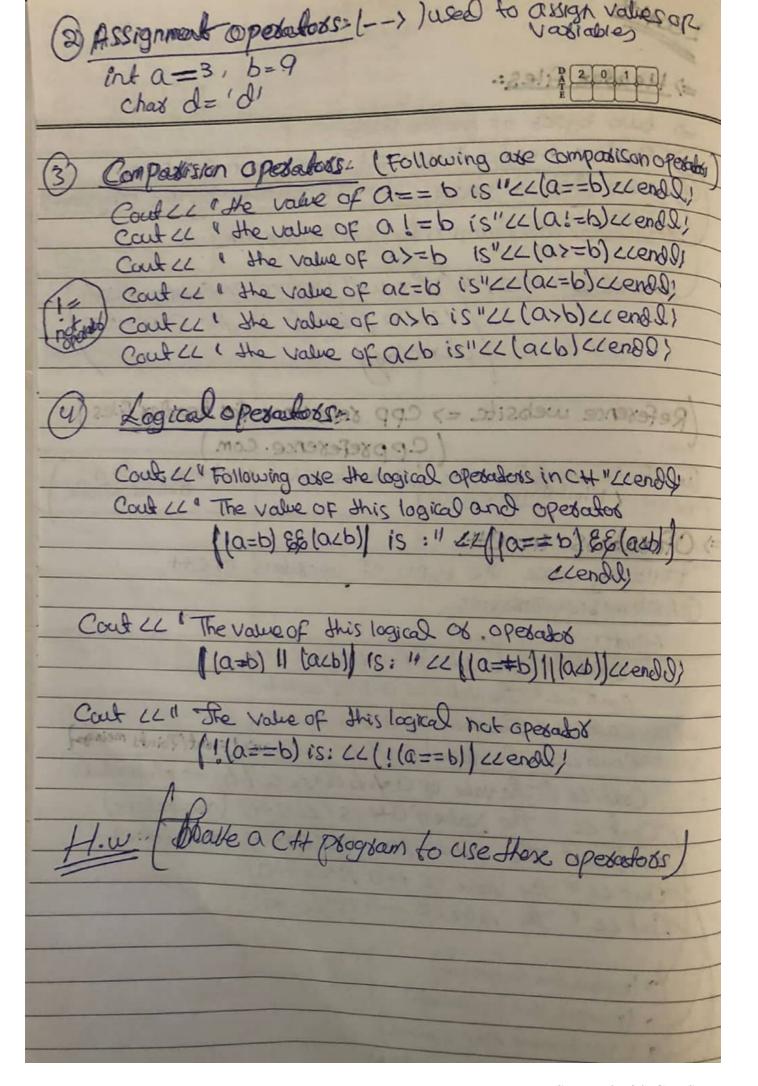
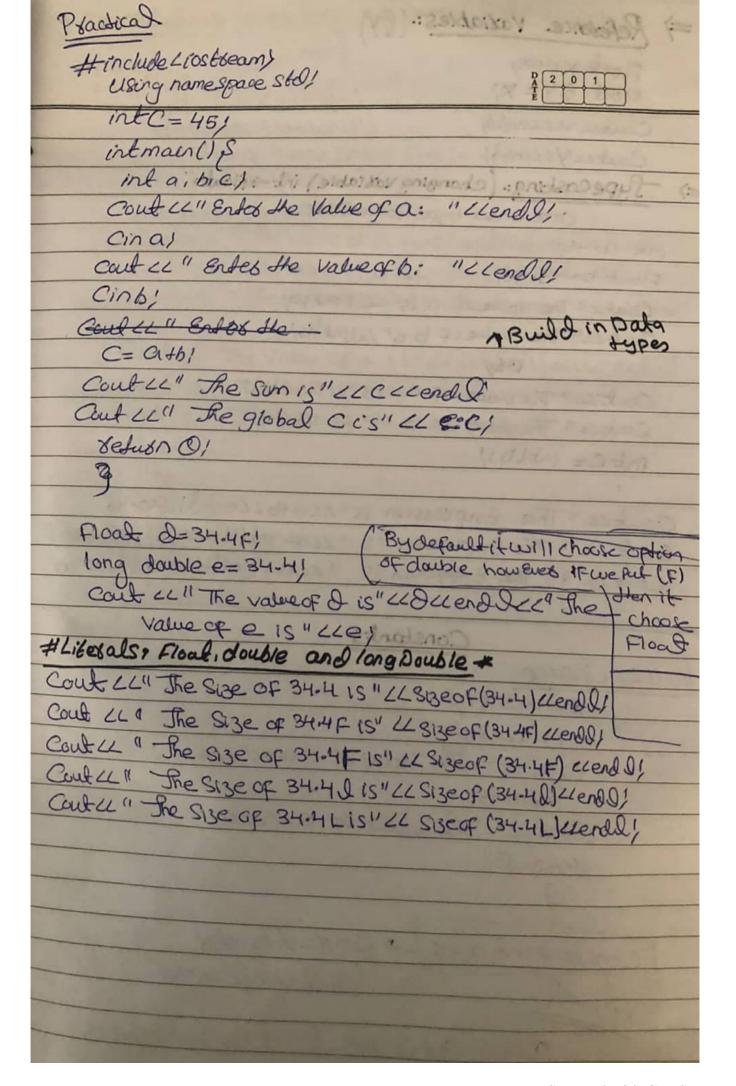
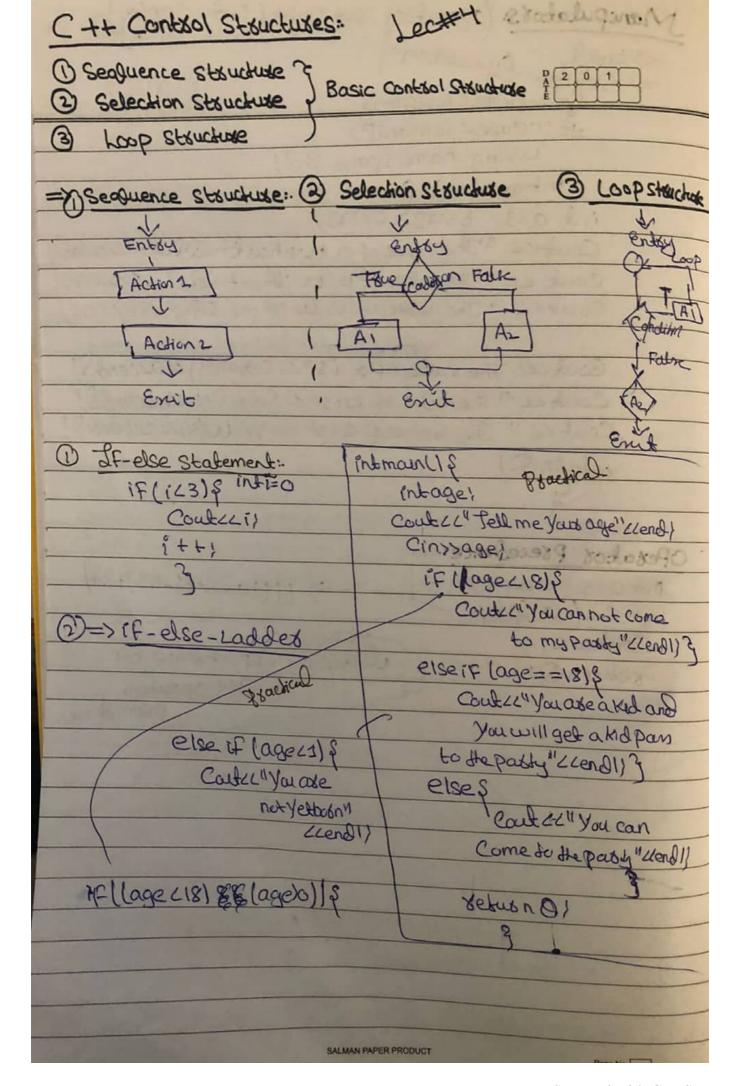


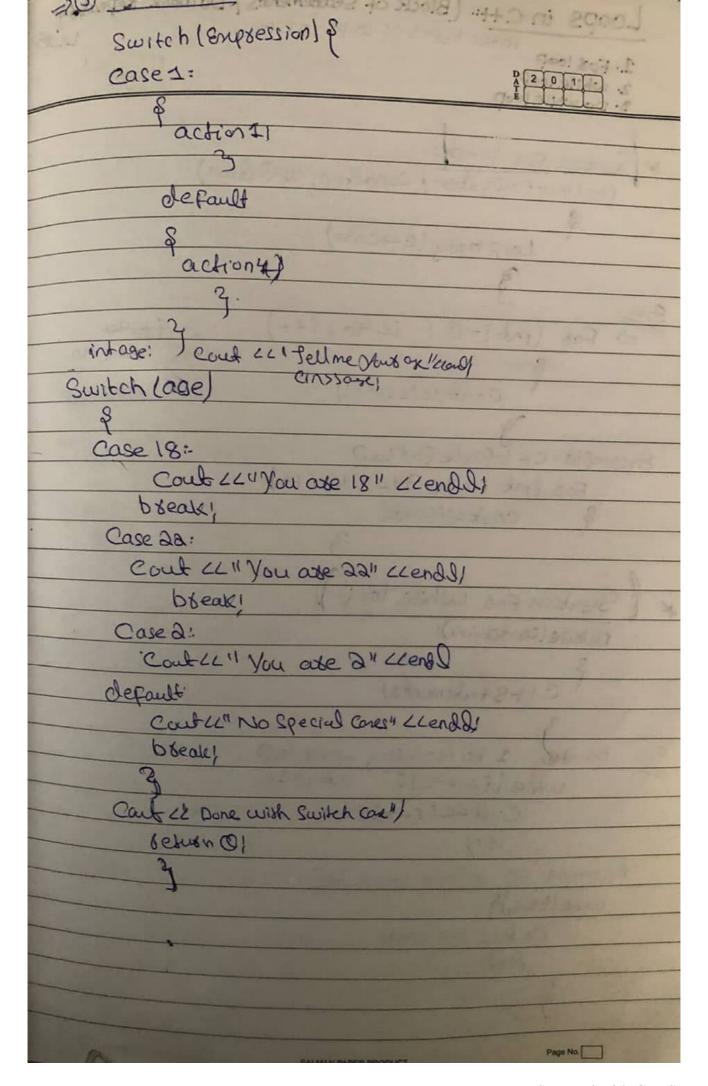
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A THE PROPERTY.	-	
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	1000 1000 10	
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		48364
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		FV3
unsigned Long int	4	0 60 4, 294,967,295
-		
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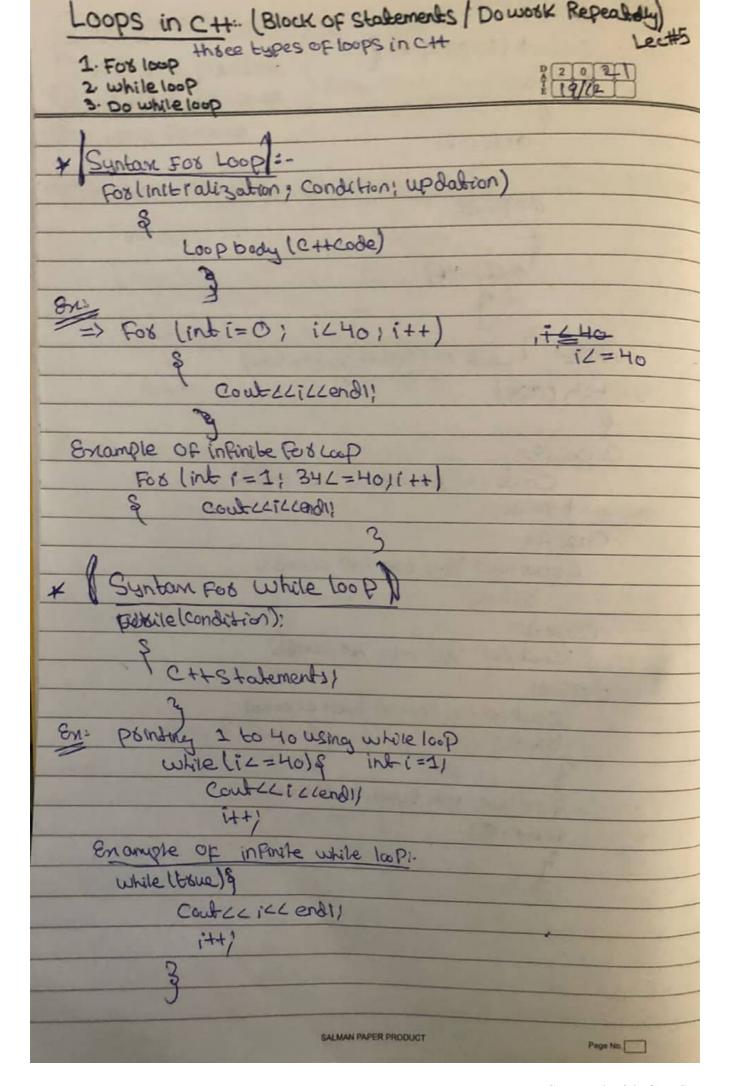


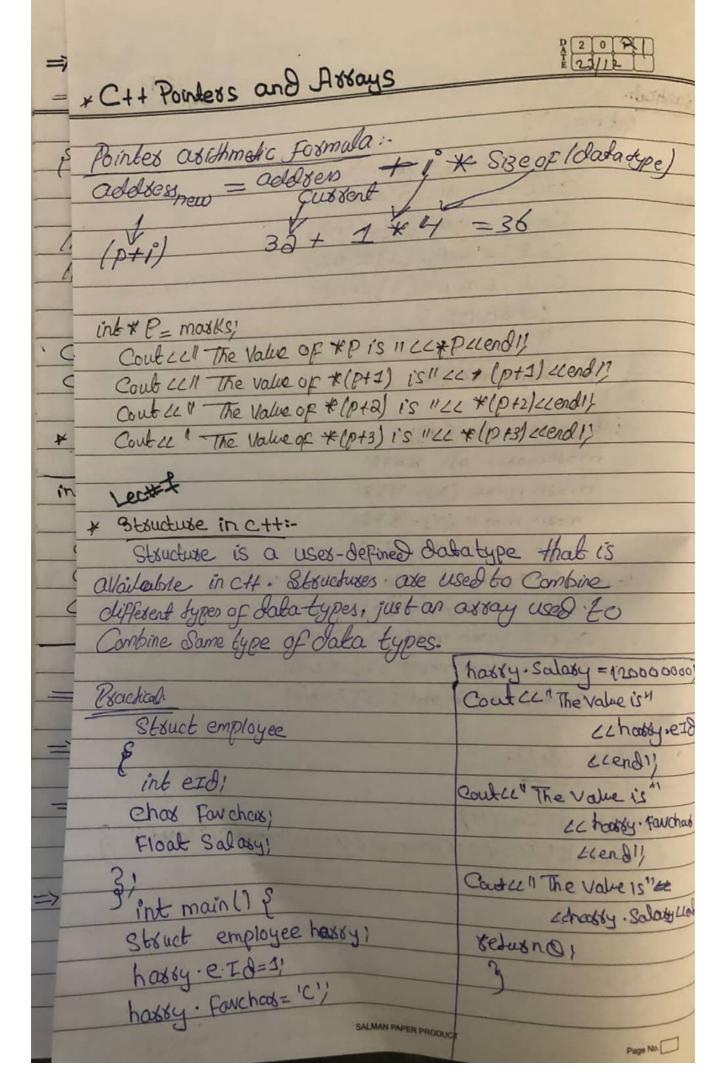


=> Reference Voxiables: (GY)
Float X=455)
Float & Y = X?
Contecnedy
Contray (cond)
=> Type casting: (changing volitable) int-> float:
One Dala type to another.
int a=45)
Float b=45-46)
Coute 11 The value of a is" (C(Float) a)
Contici The value of b is " LLUNT   b)
Contill' The value of a 18" ( Floatla);
Conticul The value of b is " cc int(b))
int c= int(b);
Coulce "The Engression is" LLatb Llend 1 = 10.46
Coul LL " The Emphession is " LLat int(b) LLends) => 90
Cout LL'E The Empression is " LLa+ (int/b Leendly = 90
The state of the s
Walus Chara Constants
Values Change: * The Land and show and ellowed
int main(1) s  int a=34!
Coulce" The Value of a was" eca;
inta=45;
Coulce The value of ais"229)
Setuan O)
3
Toops tantint a=3 -> Constant number
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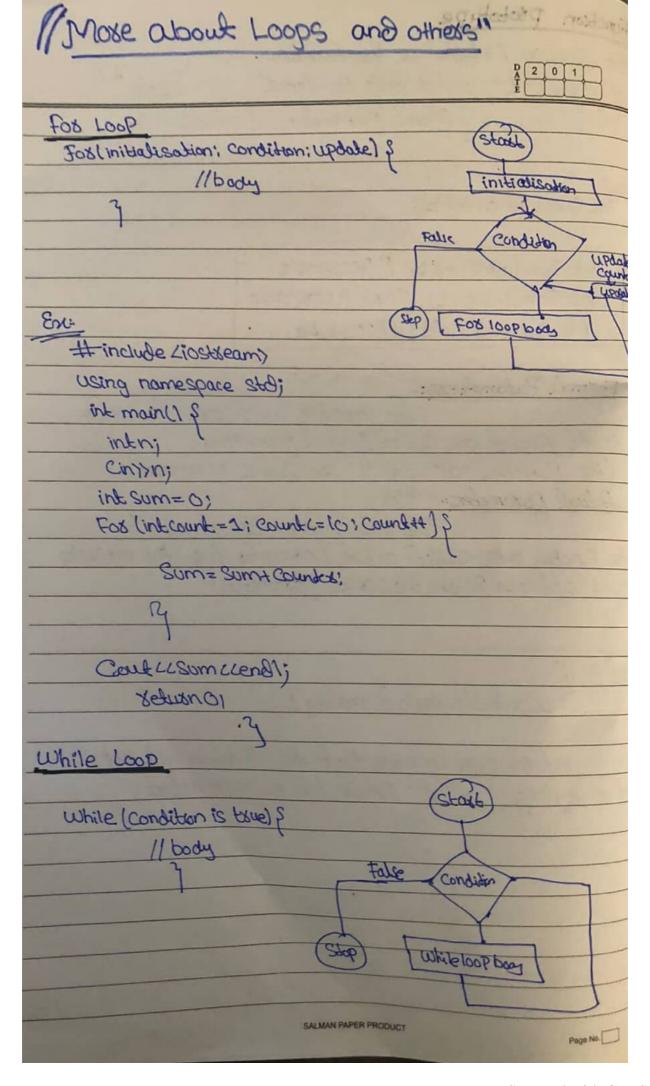


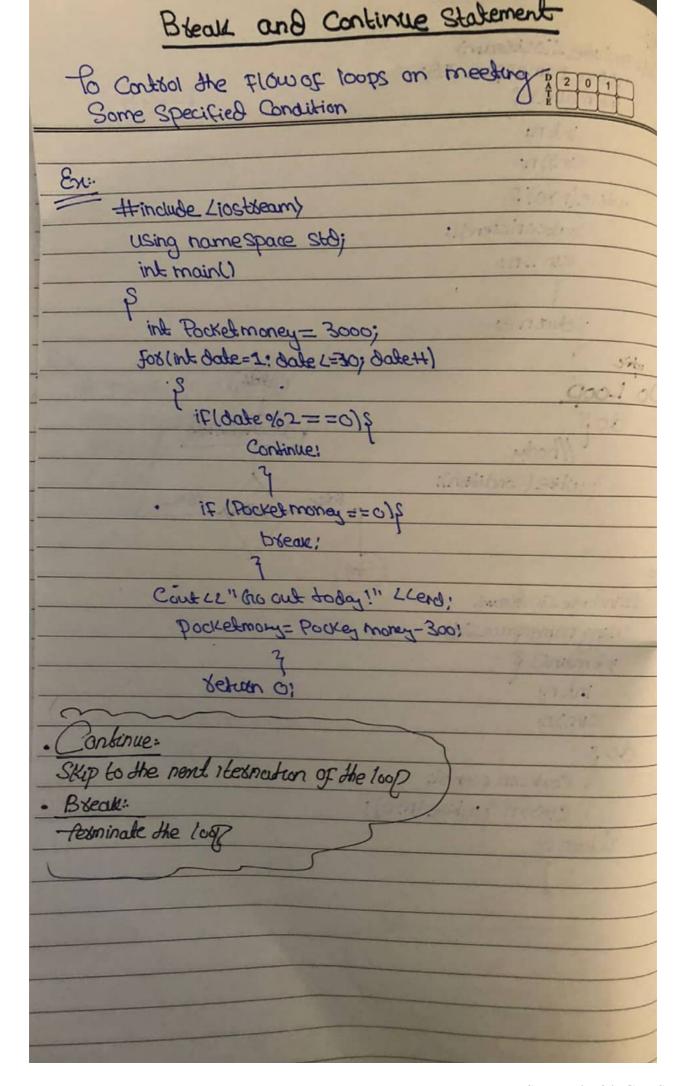




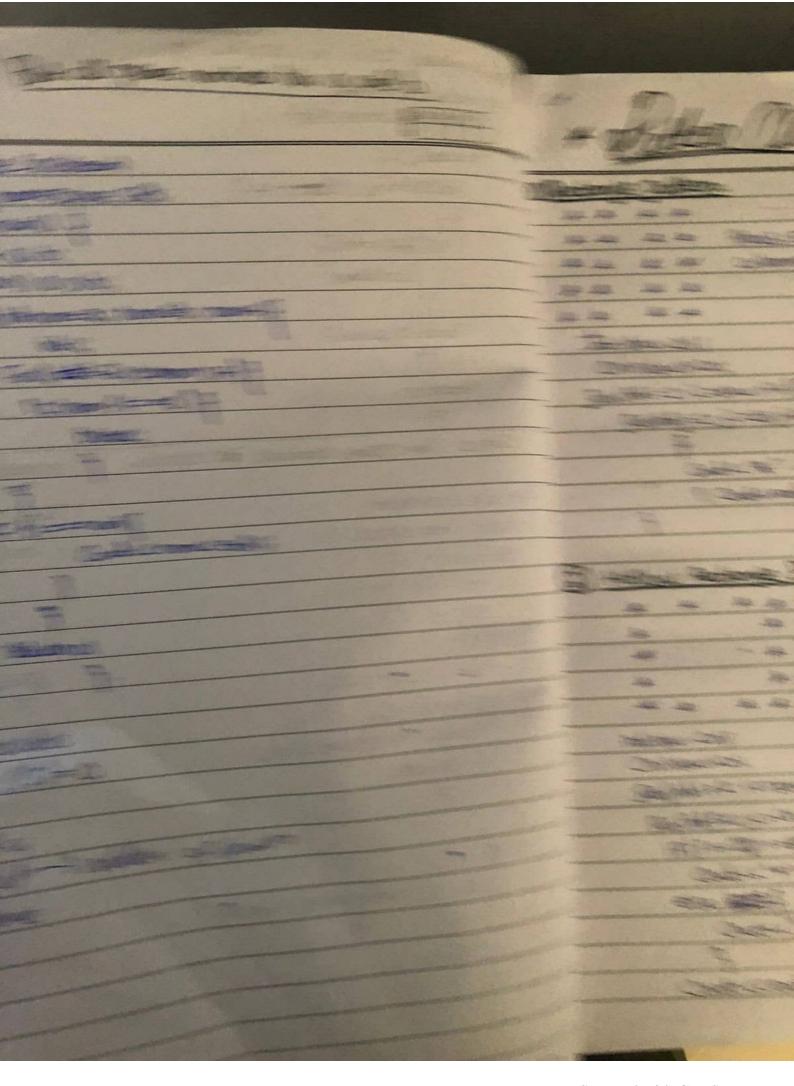
Function Prototype
The Function Protype is the template
of the Function which tells the detail 28/12
of the functione-g (name pasameless) to the compiles
of the functione g (name possameless) to the compiles
Sittle was it is a second to
int Sum (inta, intb);
TO ASCRETO MINE
int Sum linta, int b): // Acceptable
=> int Sum (inta, b)! // Not Acceptable
=> int sum lint, int): 11 Acceptable
1 2 functions inst
=> Formal Parameters: Formaginary just
The Vasiables which ose declased
in the function are Called Formal parameter.
(the Mosiables "a" and "b" are Formal garameters).
7 O'ICLUIX TOURS
the function ouse called actual pasameter. (i.e. the Vasiables
"num 1" and "num 2" axe the actual parameters)
710712 026 7101 0 000 110 000 000
Void 9()5
Cout L'In Hello Grob & morning"!
Moid as setuan type means that this Function will not setuan anything, and this Function has no passameters.
setus anything, and this Function has no pasameters.
· · · · · · · · · · · · · · · · · · ·
· wat
The state of the s
Page No.

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name of the scould is	Estate del coming
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s interd;	011
T chas Fav chas;	4 Change
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zep;	Gram Armi
int main () §	(emily)
ep haxxy;	10 miles
struct employee Shubam;	
Struct employee rohanDass; harry et0=1;	महारा हा अवस्थात स
	aso amdanal
haxxy - Fauchox = 'C';	301 Regionals of
hasty. Salaty= 1200000000	
Cout LL" The Value is "LL howby. e I &	
Coul K! The value is "Khoosy . For	
Coulce " The value is" LZ howsy: So	good rough
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3	1 Thomas &
* Unions in C++:-	
Unions are Similar to structures but	they provide
better memory management then struct	
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at a time.	14 7 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Brachical:	· we can use I vasiable
Union money	at a time otherwise the compilex with give
3	us gazbage vame
int sice;	. The Compiles chooses
chas cas;	the datatype has allocation
Float Pounder	
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int man (15 Kebusn O)	
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m1. 81Ce-341 CHIAN PAPER PRODUCT	Page No.

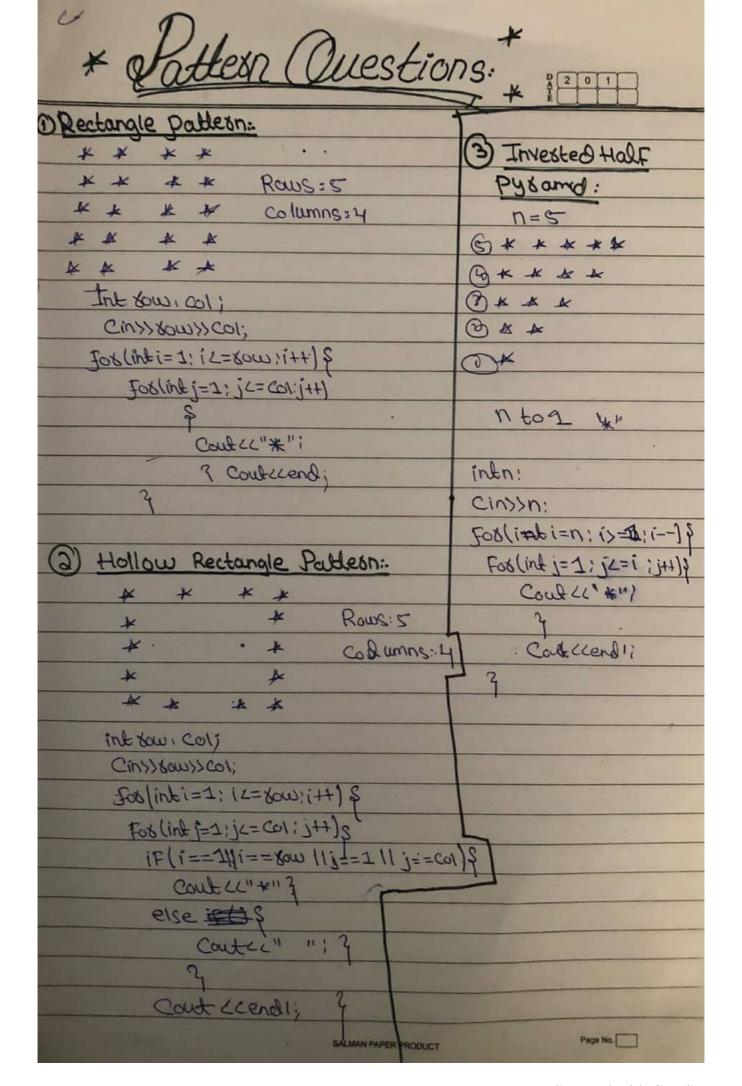




Break and Continue Watement 2008
#Include Liostseam) Using namespace Sto; int main() \$
using namespace Sto;
int main() }
int n;
Cintin;
while(n)o)?
Continuends:
Cin>>n;
3
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while 3 (Harris to the state of
Do Loop (State)
dos
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3 while (Condition):
False Carting Pouc.
En: (Stop)
#include Licstkeams
Using namespace sta;
int main () \$
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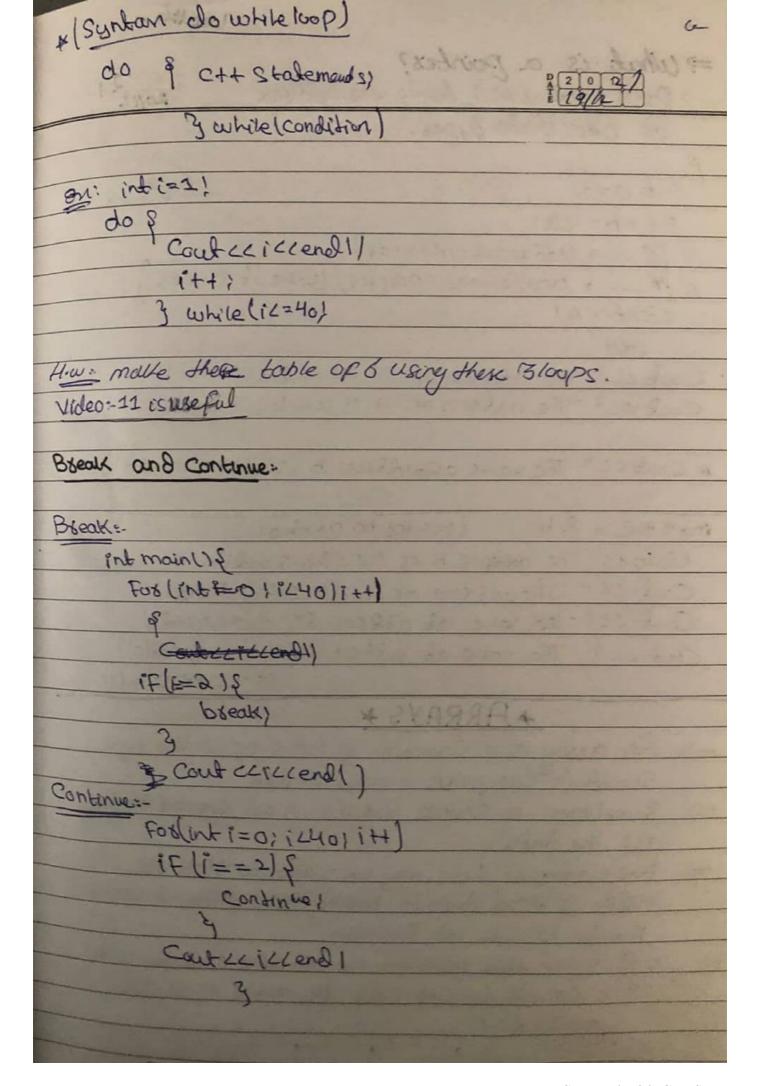


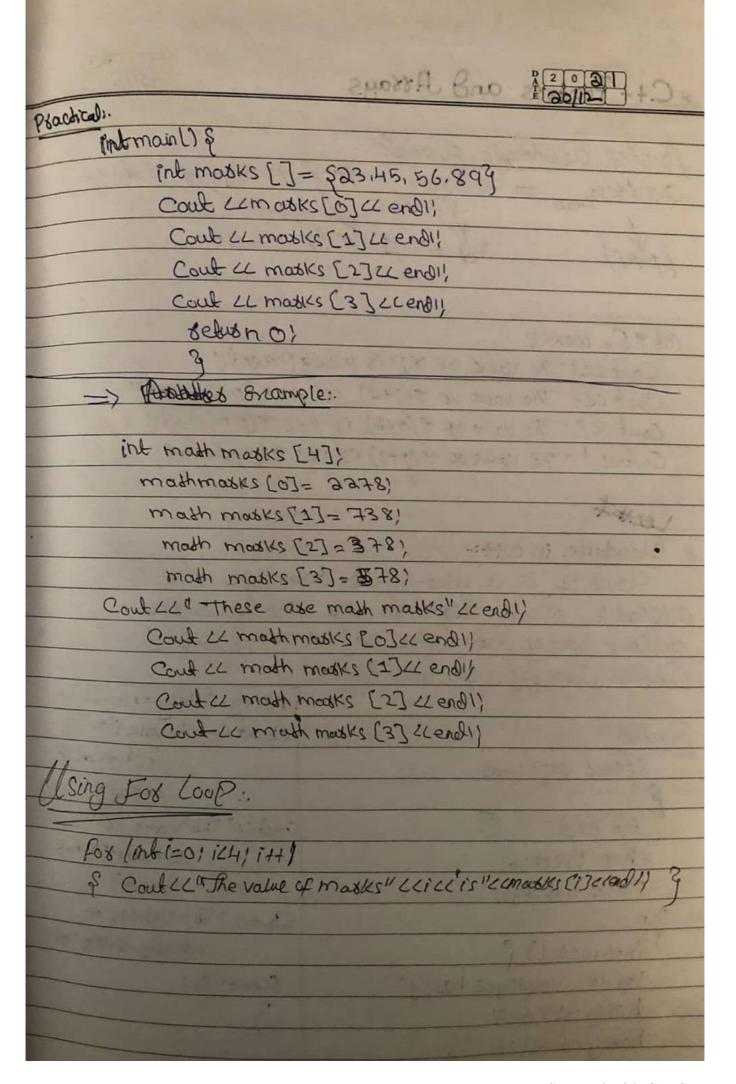
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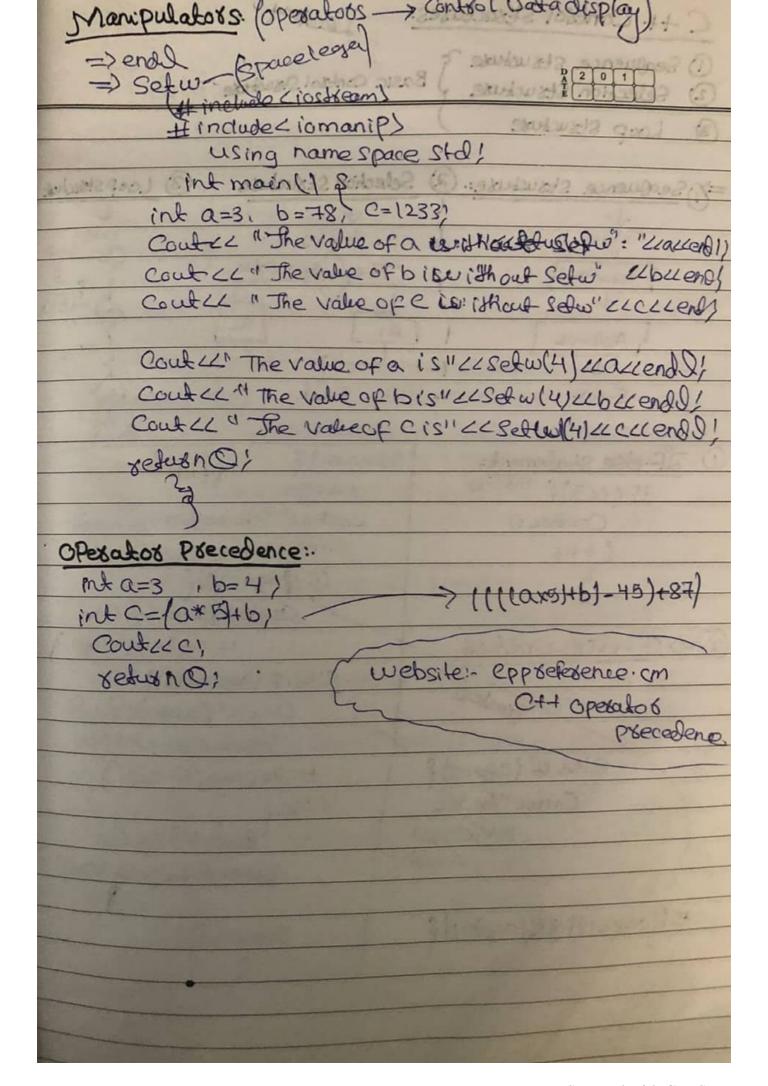


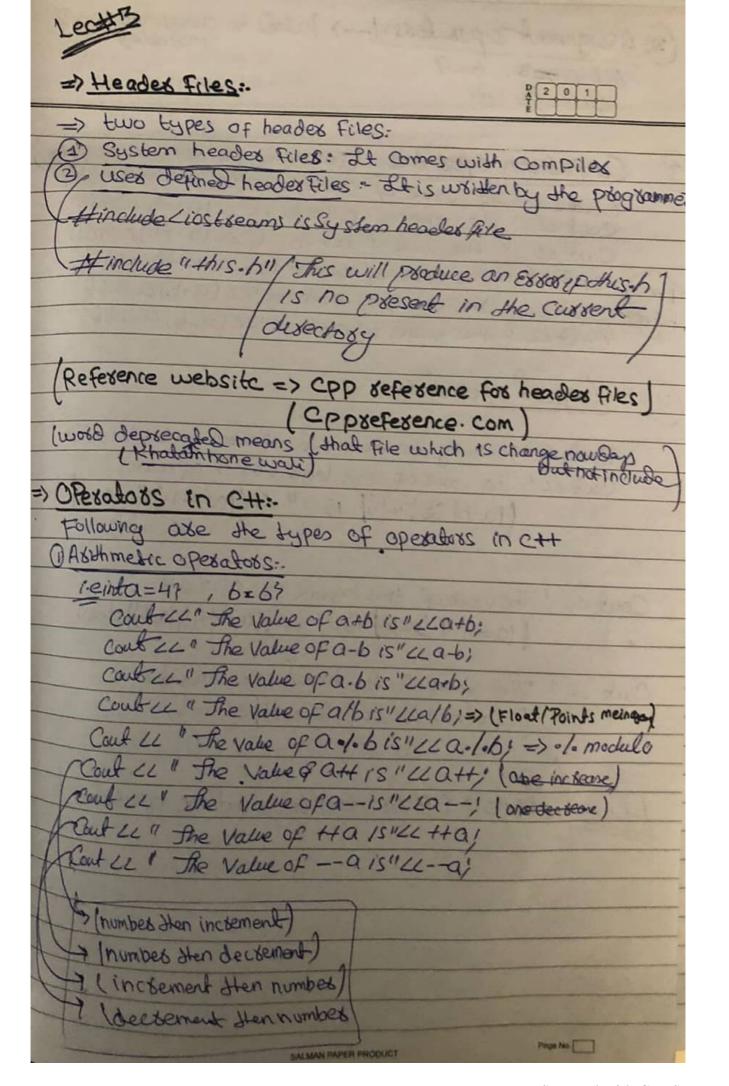
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# include Lios treams	= 10
Using name space sto;	830=14
(nt main() S	XO/
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\$	2 Determ Av
if (i./. 3 == 0) \$	ideo kii
Countinue;	ide o that
3	hi and the country land
Coukciccen 81	11/4
	ronto + 1.6 - filter) 2007
A CONTRACTOR OF THE PARTY OF TH	On with and 1!
4	s versied
Check the prime number if or	Sinot: Indivisible to i
	non-poine
# include Liostoseam>	n./1=0
Using namespace Std;	honporee
Int main (1 &	
int n;	
Cin>>n;	the state of the s
inti;	\$1213-4.n-1
FOX(i=3:121);1+1}	P
if(n:/·i=0) }	1977-7-1
Coutec "non prime" (cend):	
bseak;	
9.	The state of the s
1	
1F(N==N) }	
Cout LL'I Prime number "LLend 1"	
3	
Ketuan o.	
3	
ALTONOMIC TO STATE OF THE PARTY	

+ Enums in cat:
Enums are usex-defined types which consistof
named constants. (use to make the Program more 20 21)
Practical
110
enum Mea & bxeak Fast, lunch, dinnexig).
theal mi= lunch;
Cout(m1)
Yelian Oj
3
mod v stypics times
* Functions in c++:-
Functions axe the main past of Pop-down structured
Programming, we break the code into Small pieces.
and make Functions of that code
1 Sept 619 - March 12 20 20 Call 120 2000
Prochecal:
int Sumlinta, web!; §
inbitat C=ath;
8 elubrici
3
int main () &
int num1, num2;
Cout cc " Entex Fixst number" 2 (end);
Cin >> huma;
Cout LL" Ender Second number" LLENOL;
Cin >> num2!
Coutect The sum is" LZ Sum (num 1, num 2);
Jedusno!
Carolin Contract of the Contra
A STATE OF THE STA

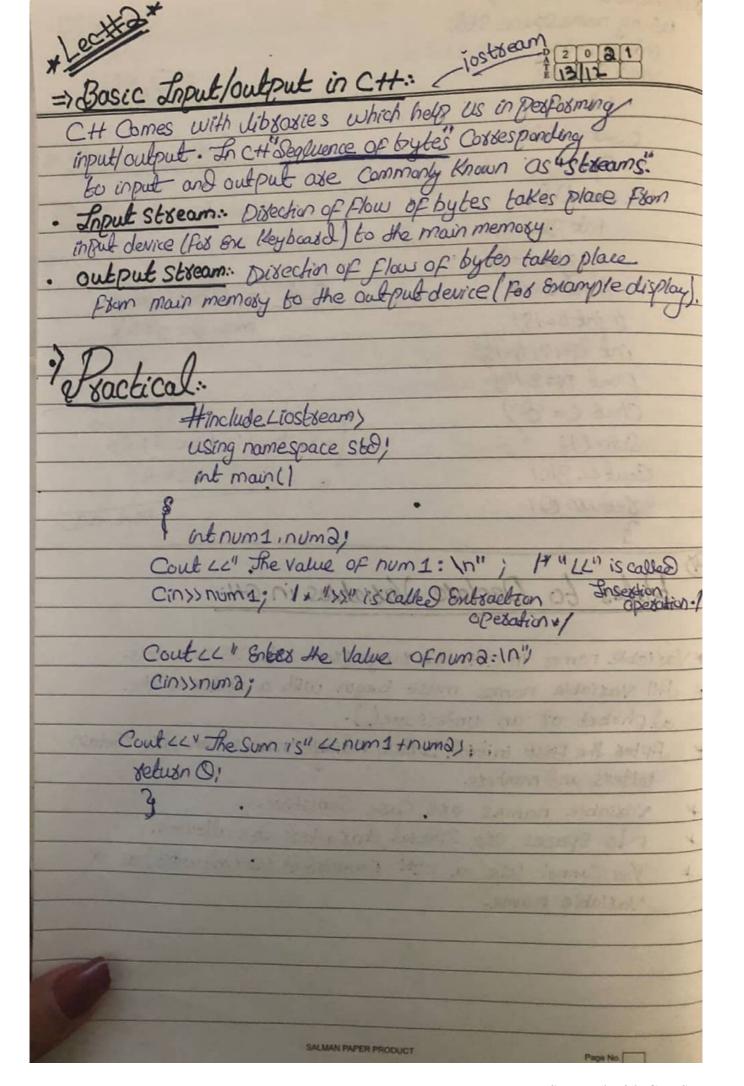


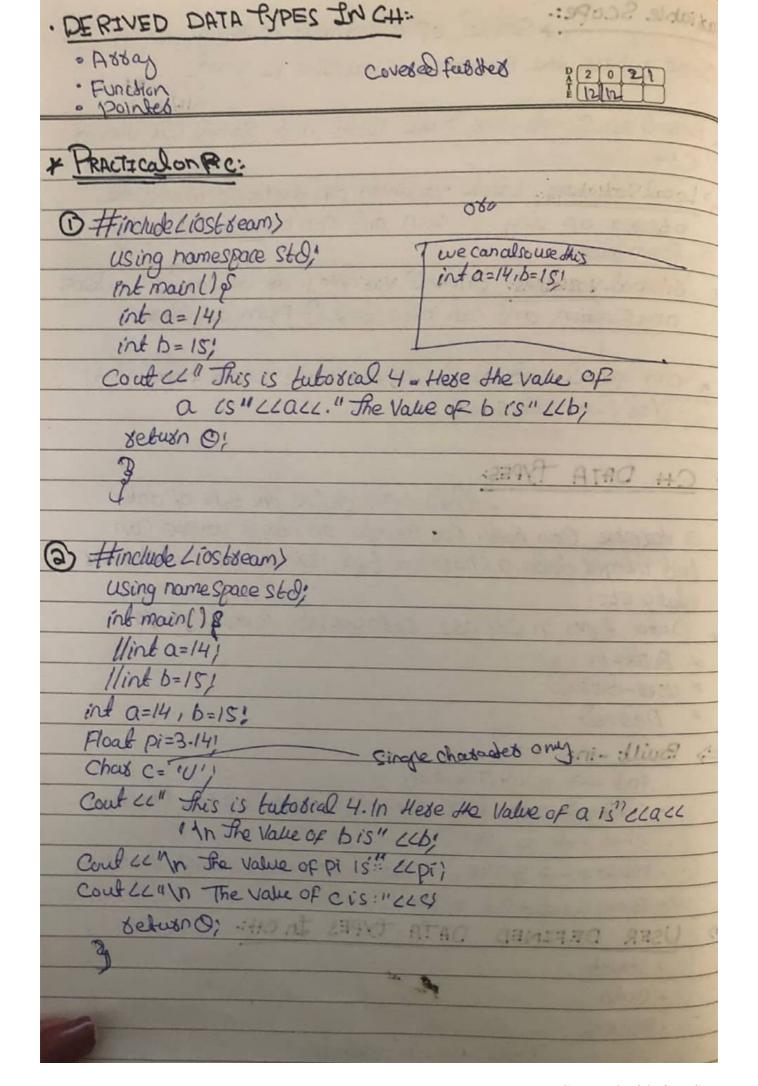






LIST OF RESERVED	KEYWORDS T	IN CH-		
This is a list of Keywoods Yeseaved inch.				
Since they are used by the language itself, 12021				
these keywoods are not available for definition or				
Overloading.				
=> In shoots, You cannot Oberate a vousiable with these				
names.				
(Jone):	licar fa	310 1010		
alignas (Since CH 11)	default(1)	registed 2)		
Olignof (Since C++ 11)	delete(1)	be interpret - cast		
origina (or	90	realmes (since C++20)		
and ear	double	Ketuan		
0.900	dynamic_east	Shoot		
atomic - Cancel (TMTS)	else	Signe		
atomic Commit (TM TS)	enum	S13e0F(1)		
atomic no except (TM TS)	enplicit	Static		
auto(1)	enpost(1)(3)	Static - assest (Since CH91)		
bitand	externis)	Static - Cast		
bitos	False	Struct(2)		
lood	Floor	Switch		
preak.	FOX	Synchronised (TM TS)		
Case	Friend	Template		
Catch	3000	this		
Chab	77.	Stroked-Local (Since CHII)		
	the contract of the contract o	Lhrow		
chable & (SinceCHII)		true.		
Chab 32 t (Since C++ 1	tong	FRY		
Class11)	mutable(1)	typedef		
Compl	Namespace	type id		
Concept (Since C++26)	new	typenare		
Const	nobruepH Since 1	Union		
Consteval (Since C++2)	ol Not I	unsignee		
Constemps   Since c++ 1	4	unsig(1)		
Constinit (Since CH2)		The state of the s		
Crast-Cast	OD PLEALMAN, PAPER	- Prototo		





· Vasiable scope: + Scope of a vasiable is the region in
a da il de la constante acataviable is Validi.
· CHALL
* Based on Scope we have local and global vaxiables in
C++. :329.70.00011.047: 4
-> I and variables. I and variables are declared inside the
béaces of any function and can be accessed only (1)
=> Grobal vasiables. Grobal vasiables are declared outside
any Function and can be accessed From anywhore.
The state of the s
· can global and local voxiable have some name in CH?
Yes, we will see!
and the second s
· CH DATA TYPES:
- Lata types define the type of data
a Vostiable Can hold, for snample an integer vortable can
hold integes data, a chasactes type Vasiable can hold chasactes (5)
plata etc.
. Data types in C++ axe catagoxised in those groups:
* Built-in
* usex-defined
* Desivee
⇒ Built -in:
· int -> 0,1,4,7,8,9,10
· Float -> 1-22, 1.33. Decimal numbers of low Precision
. chab -> 1a11cb1
· Double -> 3.7489 Deamalnumbers of high Precision
· Bool _ touse.
=> USER DEFINED DATA TYPES In CH:
· Stouct
· Union
Fnum
Discussed Further
Page No. Page No.
SAMAPAPENTION

