30 . 2 9 16	3 4 5 6 7 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	February 20 Week 07 Day 041 - 325 Date 10 - 02 - 2020		10 Monday		
9,00	Lecture-3			\		
10.00	Flowchout /Pseudo Cod	et _> C++ -	-> Compiler	-> Mochine Longuo -ge Code		
11.00	Compiler - 11	tis opiece of software commachine language common Also it to error ptimization.	ure that conve	onts high level		
12.00	executi it.	Also it to error	checking of hi	ghtwelcodo and		
1.00						
2.00	Hewary C	1 bit = Binary	Trust are i	in powerd a transistor can		
3.00	(2'0)	8 bit = 1 byti 1024 bytes = 1 kB 1024 kB = 1 MB	Store only	tronsistor can		
4.00	1024 KB = TMB 1024 MB = 1GB 210 GB = 1TB					
5.00		2'0 TB = 1PB				
6.00	> You chan	acters are ruprus	entel	a Standard Cod. for		
7.00	Information, some nume to bi	Interchange), whi	In hove assig	ned chan octers lay chanacter		
Note	This ASCILE - Cation wo	standand is global rollowide con happen	lly accepted without an	So that community conflict.		
		Quality is really a way of managin	g an organisation.			
	-					

	February 2020
J	Weck 07 Day 042 - 324 Weck 07 Day 042 - 324 Weck 07 Day 042 - 324
Tue	Day 042 - 324 E 17 18 19 20 21 22 Date 11 - 02 - 2020 Date 2020 Date 11 - 02 - 2020
~ I	BASIC STRUCTURE OF C++ CODE
9.00	DIOLE SIKUCIONE OF CIT GOSE
	int main ()
10.00	
	CODE;
11.00	}
	Std:: cout <<" Hello Krishno"; -> code to print something
12.00	on screen, Here "Hello Krishna", but here we need to
	first add headers file #include < jostreom>
1.00	Here we can show ten code.
	· · · · · · · · · · · · · · · · · · ·
2.00	#include <iostyeom></iostyeom>
	using namespace std;
3.00	int main()
	s control
4.00	Contes Halla Martia - 2 Mara man de la
	Cout < Hello World; -> Here we didn't wrote syntax 3td:: cont < : because
5.00	J. COOT - LUCIONE
	ininitially us declared namespace sta
6.00	so whenever it will see cout, it will
0.00 CN	ech cout code in Std namespace auto matically.
	11 2-11
7.00	Vaniables
	-> Variable are containers for storing data value
*	Data Types
Notes	Onta tubes tells us which the a set it is
oithon	itis amplex oritin text ox on albert of our minist
	data tube during dellaration to
MAN	Data types tells us which type of late it is it is number or it is text or any other type. All variate data type during declaration to rustrict the type of to be store.
000	10 MC 2100.

As you grow in your business, you learn how to do more with less.

М	TWTFSS	February 202	0 1 1	
30 2	31 3 4 5 6 7 8 8	Week 07		
9 16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Day 043 - 323	W 1 1	
23	24 25 26 27 28 29	Date 12 - 02 - 2020	Wednesday	
9,00	CH Supports f	orrowing sata.	ty pur	
10.00	1) brimary or B	wilt-in or Form	idomental Data type	
10.00	2.) Derived data	TYPE,		
11.00	3.) User defined	data Typis.		
11.00	į	Dotatypes in	C -W	
12.00			Ephilosophy I have	
1.00	Primary	Donive d	User Defined	
	- Integer	- Function	1-class	
2.00	- character	- Array	- Structure	
	- Boolion	- Pointer	- Union	
3.00	- Floating point	- Relfference	- Enum	
	- Double Floorting point	VV	- Typedy	
4.00	- Void			
	- Wide Character			
5.00	1. 0	1 2	У	
6.00	* Declaring va	niable	1 A	
6.00			type variable_nome;	
7.00	(a)	g - inta;		
7.00	now what will have	pen since in-	teger tokus 4 bytes of memory	
-	, Mun buck of	ubytes in ma	may is sure erred & its mapper	
-	ing will be some	with 'a' . By	difault garboge value will be	16
Notes	one of in thus block.	Data is stored	tegers tokus 4 bytes of memory mory is rus erved & its mapp default garboge value will be in binary format	
riotes				
	=) int	Q = 10;		
	in mamor	0000	000000.01010	
The State of the S		CUS TRUD OU	och is of 32 bits	
	Raliova i	n yourself and what others the	hink won't matter	
-	Deficed in	ir joursoft and what outers th	HILL WOULD HILLS	

1	3				ry 2020)		M T	W T F S
Thu	ırsday	B		Day 04	ek 07 14 - 322 02- 2020	<u> </u>		10 11 17 18 24 25	5 6 7 8 12 13 14 15 19 20 21 22 26 27 28 29
9.00			0 0.	1	0			2 me	mon
here	we.	follow B	ostand	n integrand to	ston	val	ni all	bina	my from
11.00	*	Rulisto	dedar	v Varia	ble no	mes			
12.00	1.)	Nomes	can cm	itain los	ters, d	ig its	2 m	derscon	UD
1.00	3.)	nomes Nomes	are car	se somsi	tive.				
	chan	Nomes actess	Connot like 1	- WINTOU	o wh	itespi	aces o	r spec	ial
2.00	5-)	Ruserau not b	eg wor	ds (like	L CH	Key	words	Such	as int)
3.00	can	not 0	l use	d as h	29mc				•
4.00	# H	an wa	ch mem	ory dat	atypus	ston	١.	,	
	eh	an - Ib	y+e		show	t-26	ytes		
5.00		t - 461			lung	- 8t	sytes		4
6.00	<i>to</i>	00t - 4 k	bytes		bool	$\frac{1}{2}$	Sby tex by te)	
7.00	*	Stating	-ve 1	numbu				, 1	
	->	Now s ated fi	since a	particu	lar no	mero	c dato	type	willbe
Note	ollo C	ger - 32	XIÀ NO	of mer	mory	FOR	egs le	to tak	I case of
	(3	so h	lie int	ger a	on st	010	32 bit) so_
P	noxi m Ciontús	in possits decid	ible num	nbeas quistoi buli	this	rent valu	valu	ware	egertive

	int 32 bit
30 3	February 2020 231 221 4
	0 11 12 13 14 15 \\ 0 11 12 13 14 15 \\ 0 11 12 13 14 15
	7 18 19 20 21 22 S Day 045 - 321 Date 14 - 02 - 2020 Priday
9.00	numbers & half to positive numbers. Then they come out with an idea that MSB bit (most significant bit) (leftmost bit) - let it represent sign of number
10.00	bit) -slit it represent sign of number
11.00	0 -) the somber
12.00	so to represent 2 in binary ituras like 0 1 0
	sign 2 number
1.00	to represent -2 in binary 10
2.00	but then come a problem to supresent o
3.00	which wasnot necessary.
4.00	Then butter solution come > to store -ve no
5.00	-2 -> First simply convert noto
	binary 2-010
6.00	and thon take 25 complement 2 then store it
	2/5
7.00	110 > this is how no will be stone.
	-> to ruad -ve no again do 2's complement
Note	$-) 110 \rightarrow 1^{S} complement 001$
	010
	now since sign before conversion was the as MSB was 1 thon
	ans wer will become [2]
	Sooner or later, those who win are those who think they can.