#	Initialisation List		
	Julianization 191		
•			
1		> inta; sa' is created	
{basics}	int a = 5; —		
		a=5; gorboge volve	
		we changed g	
		Value with 5	•
in Case of Constant	2 No. 1		
Constant.	int Coonst b = a; _	int Const bix	- Carrier
		b=a; (X)	
	•	Screating 'b' with a g	orbye
•		value is not allowed	100
		is meaningless to do so	
1		Moskingless 10 Gla 3C	1 7
in cose q	int i = 5; 5	Zint &j ®	- 1111
References	7 intai = i in		
	· Incap - Lj	Ji=i; @ Jane	
	Class Student {		
	_	dry Ren - desautt Co	
	Public:		nstructor .
	int age:	age=1/1 Studen	t s1;
	Const int Roll Number	Roll, No-4	
	3;	$S_1 \longrightarrow g$	corpose
	int main() {	age= 20; S1. 286	2=20;
	Student SI:	Roll, No 7/1	
	81. ge = 20;	2 31	
77	81. Roll Number=101;	- Nost give "Error".	
		sill get Error et "Student SI	и.
	before al.	we one not allowed to	3
	Create Court with	Galach allowed to	
	Create Const with	Jourge Value	

The state of the s	
- Now If we think of doing	So Const int Roll Number = 101; git is
useless as all Stud	ente will have some Roll Number then
The state of the s	
-> one Seasible Sol is, Cal	I the Constructor & in Constructor we
	Constructor à most while object à
created.	
so, Lets try this -	
	doing this we get Error -
Poblic:	a Constructor for student must
int ose;	explicitly initialize the Coast
Const int Roll Number;	member Roll Number"
	The state of the s
Student (int r) {	
Roll Number = ris	
}	
lets orderstand the Error	
int a:	(inta)
9	nt write as inta=5:
he cause.	"int as Leads to creation of a in
o-cuescy	memory we need not to creak ofin.
in our Code ->	
0 1 1 0 1/4	Lev.
1 O Whisher - Y	This Shows a That Koll Number is
X Ro HIVOMORI = 1	Crafter In Tent
	with Some garbage Value, & we are
*	try ing to chose that good with ".
- Charles His	icense we need to use.
- A TO Solve now The	disation list =
INIT	ay sallon 1131

	what initialisation list will do?		
He to a	The way and the state of the st		
>	initialisation list, Jo Shi Constant datamembers hai Just		
	like "Roll Number" unko Constructor Ke andor Jone		
	se Pahale hi (i.e. at the time of memory allocation only)		
	on ki value Snitialise kar lac.		
	ON N Vawe Julianse No Cres		
->	Lets see how to use it ->		
	2015 See Moto 10 UXC		
-	Poblic:		
	int age;		
	Const int RollNumber;		
	Cores to the specific control of the specific control		
	Student Cint r): Roll Number Cr) {		
-			
	? Const int Roll Number = r;		
	int main() {		
	Strident SI(101);		
	SI ge=20; & this works fine		
	2		
Inshort	whenever we have Constant data members, it is most for		
NOTE-	us to create a Constructor li use mitialisation list.		
e ga ji la	US 10 Create a Constitution of use mittausation 1151.		
A TOTAL TOTAL	we Con do this of well.		
	Student (): Roll Number (101) {		
	but this is of air useless as, Const int Roll Number = 101		

-> we Con also initialise non-Constant datamenters in initisation
list as well
. Student Cint r, int a): Roll Number (r), age (a) {
& Con also writeas
Student (intr int age); RollNumber (r), age (age) {
Need not to use this Infact on using this we might get
Error,
age Coge)
Joseph toolo
this ka ose
-> & we also do this Some in Cose of Reference Voiables.
Const int Roll Nambers
int & x; // ose Reference Vosiable
Student (int r, int age): rollNomber(r), age(age), x(age) {
Now there is a issue,
what we wat - int &x = &e
what we wont - int & x = ofe; but what hollen is - x(orgument)
i.e, we need to use this here.
The second of th
Student (intrint age): Rollhumber(r), age (age), x(this -> age) {
Now it's sine
NOW ILS ON