S Ceto II Assignment - 2 the lienefits of this methodology? Inline Function: - It is a promerful concept that
is commonly used with classes. It
a function is inline, the compi-les places a copy of the code
of that function at each point whi
-ere the function is called at
compile time. Inline Function Benefits are:-1) It saves the overhead of push I pop voi alles on the stack when function is called. 2.) It laves ourchead of a vietnem call from a function. 3.) When you inline a function, you may enable compiler to perform contest specific optimization on the body of function. Destructor ! Puplain working types of constructor . It is mandatory to use constructor in a class Sustify it? Teacher's Signature.....

Date
- Au > Constructor:
They are special class for the
Eucry ali to intialization
the complex call
an oliject is 120 to the whome
Ano > Constructor: May are special class functions which performs intialization of lucry object Me Compiler calle an object is created Dostructor: 4+ is used to a in
Dostructos: - It is used to westray the class
argect. The clay
Types of Constructor:-
1. Default Constructor: - It is the Constructor which doesn't make take any againent. It has no parameter.
I is the constructor
and about I have take
I that we
parameter.
Syntan: - class name (bare)
Syntan'- class name (parameter), parameter?
2 (Constructor Defination
Grample: - class culic
S Cure
pullie;
pullic: int side ().
Cube ()
2
Teacher's Signature

2 Side = 10.	P 600 15 0
7.	
int main ()	
Culie C: Coult << co side:	
-> In this case, as soon, created the constructor its data members	
created the continue	as the project-
2000	midize,
Constructor um constructor.	
Constructor.	These care the court to
Constructor you can provide	with parameters Using this
the members of differen	different values of
Constructor you can provide data members of different the appropriate makes as	organient passing
grample:	
Class culip	
2	and the same of th
pullic:	
culie (int n)	
S (m)	
Side =x	
7	
3,.	Teacher's Signature

Page 20 C aule (1(10); ulie (2 (20). cule (3(30); cout << cl. side; Cout ec cz. side; coul << <3. side, By using parameterized constructor in about defined usual we can have any number of farmeters in a constructor. 3. Copy Constructor -These are special type of constructors which is used to copy naturel of data members of any object. Quample:class culie int side; alle (int n) Side=x; Teacher's Signature.....

	int main ()
	aulie (1(C2).
	cule (2/C)
	Coul << <1. Side << co. side.
04.	what is mean by the following teams ?
	the following teams &
(a	Constructed Questoading
(b)	Constructed duestoading Array of Object
_	Constructor Querlanding.
	O .
	Just like other member functions, constructore co
	loth default and parameterized constructor
	as the last of the desired of the de
	attained and
	with your ameter.
	You can have
1	in a like the munice of constructors
	that deffer in parameter li
	Snample's
-	
	class Student
	S
	la I di c
	punce:
	int gool no Teacher's Signature

jut main () Student A (10); Like givey of other user - defined data Teacher's Signature.....

- Thus, an isovay of a class type is also busion as an sovay of objects. An array of solijects is declared in the same was an varray of any built - in data type. class name assay name [size]; # include < instream. h > schon x. Teacher's Signature..... Scanned by CamScanner

Livid main() E My Class obs [47]. Set (i=0; i<4; i++) Set (i=0; i<4; i<4; i<4; i<4; i<4; i<4; i<4; i<4
Any class obs [4]: for (i=0; i < 4; i++) { bbs [i] set x(i). for (i=0 i < 4; i++) { cont < obs [i] get x(); } getch(); getch(); } What is Friend Function I write a program! Auso A friend function of a what is defined multiple that what subjective and protected members of the class. Such than though the
Set (i=0; i<4; i+1) Set (i=0; i<4; i+1) Cout (i=0; i<4; i+1) (out (i=0; i<4; i<4; i+1) (out (i=0; i<4; i<4; i<4; i<4; i<4; i<4; i<4; i<4
Set (i=0; i<4; i+1) Set (i=0; i<4; i+1) Cout (i=0; i<4; i+1) (out (i=0; i<4; i<4; i+1) (out (i=0; i<4; i<4; i<4; i<4; i<4; i<4; i<4; i<4
Set (i=0; i<4; i+1) Too (i=0; i<4; i+1) (out < obs ["< <i "]="" 9="" <="" [i]="" a="" aus="" friend="" function="" get="" is="" obs="" program?="" what="" write="" x(")="" yes=""> A friend function of a calast is defined must be sured to accept all private and protected members of the class. Quen through the</i>
for (i=0 i < 4 ; i++) { cont < "oly [" << i < "] get x()"
for (i=0.i=4.i+1) { cont < "oly [" << i<"] get x()"
for (i=0.i=4.i+1) { cont < "oly [" << i<"] get x()"
getal; getal; getal; yes what is Friend Function I write a program? A friend function of a what is defined muliale that what slope but it has the graph to accept all private and protected members of the class. Such functions of the class that when the such protected we have and protected members of the class. Such functions the
getal; getal; getal; yes what is Friend Function I write a program? A friend function of a sclass is defined and projected friends subject that the state and projected members of the class. Super though the
getal; getal; getal; yes what is Friend Function I write a program? A friend function of a what is defined muliale that what slope but it has the graph to accept all private and protected members of the class. Such functions of the class that when the such protected we have and protected members of the class. Such functions the
gs What is Friend Function 9 write a program? Aus A friend function of a sclass is defined outside that sclass scope but it has the gright to saccess all private and protected members of the class. Quen through the
gs What is Friend Function 9 write a program? Aus A friend function of a sclass is defined outside that sclass scope but it has the gright to saccess all private and protected members of the class. Quen through the
gs what is Friend Function & write a program? Aus A friend function of a sclass is defined outside that sclass scope but it has the gright to saccess all private and protected members of the class. Quen through the
Aus A friend function of a sclass is defined ontside that sclass scope but it has the gright to access all private and protected members of the class. Guen through the
Aus A friend function of a sclass in defined ontside that sclass scope but it has the gright to access all private and protected members of the class. Guen through the
Aus A friend function of a sclass in defined ontside that sclass scope but it has the gright to access all private and protected members of the class. Guen through the
sight to access all private and protected members of the class. Quen through the
sight to access all private and protected members of the class. Quen through the
members of the class. Quen though the
members of the class. Quen though the
a La
III A THE WALLEY OF THE PARTY O
class defination 10: 00 appears in
functions friends are not member
Teacher's Signature

