Page No.: 1 Assignment 1 fine JVM. What do you mean by Byle Codes? (hitrá

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when Object
when object crested.
Cresco
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C 1 = A 1 ">-
n Circle Constructor");
A 17 4
Yanki u
Demo
04 01
main (Fring orge ??)
`
an Circle();
Λ Λ
netructor
7, 5, 7, 7
1 1

	3
Who I is Constructor?	10/e
	In Circle Constructor
A constructor is a special	
member lunction of o closes	4. What is the use of this keyword.
vhose purbose is usually	this keyword.
to initializa the members	
to initialize the members	The This keyword refers
	to the overent object in a
A construct is easy to	method or constructor.
recorning because	The most common use
1 918 has the some nom	e of the this keyword
as the class	is to eliminate the
2- Il has no return type	confusion between the
0	Down Africa A

Demo 8 = new Demo (

Hi

Constructor vil

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1.	class Overlossing Ex
Same name.	the state of the s
Λι Λ Ω	public void display ()
Public class Demo	S Commercial Commercia
9' wt x,	S.o. P. f. M. M. of a st. of same of ").
pa Demo (Fint x)	Scorpfitt Method without orgunal");
il d	Solling Charles
this · x = x;	public void display ("Int x)
\$	CSI SOUTH MAN A MAN A "I'V
public state void main (String	gorge[]) Fruit ("Method with are porom ofer");
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Jemo d= now Demo()	10), public void dieplay (int x, ent y)
System. out. printly (blue	eol x="+d·x); substitution of the substitution
	/ System. out-printfn (Nether with 2
>	System. out-peintfn ("Netlis with 2 psergmeters");
< 7 P A	
5. What is method overload	teng ()
How mothod overloading i	
Same as constructor over	
Melhod overlooding is a feat	sublic static void main (String segs[])
that slows a class to have	vie L
	ve Overleading Ex Over = new Overloading Ex (10);
	ing Overlanding Ex one = new Overlanding Ex(10); ing Overlanding Ex = new Overlanding Ex(1);
the some name, if their	1
all is in A A feren	J. \\ \
Las is similar to constan	rlor
to la last slows o cla	SS
to have more than one	Λ
constructor having belier	et
argument lists.	

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(1) Multiple Inheritance 7. What is method overrishing?
as declared in the parent class
[close A] [close B] I subclose has the some method os declared in the parent class close C it is known as method overrising.
More than an
(iv) Mybrid Method with some none out
(iv) Mybrid Method with some none oud some organist liste in the class.
closs A) Method overribing is used to provide the specific implementation of a method close C which is observe provided by its super close
close & close which is sleeply provided by its euper dres
Thuch is stressy provided by its exper does
Surline polynorphiem.
rundine folymorphism.
Multible Inheritame is not close Vehide
Supported in Java &
Let's we have a chages ABQC } void run() { System at pails ("Vehicle is runing); }
The close C-merils A and B class like extends Volido
classes.
If A and B closes have the all Ali is all
Some methal and up all of foods state void main (String orgs[])
Jean child class died the wat FOI I
will be applicable there there bike b = new Bike ();
the method of a Robert ?
the method of A or 15 closs.
the second kind
the state of the s
See it for the first time as a newborn child that has no name."

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8.	What is polymorphism?	· class Demo
1		OD At One (Chin and (1)
	The word polymorphism means having many forms.	publication void rusin (String orgal?)
	We define polymorphism as the	Sea a (Malhor M. DA-R) (2 4))
	shility of a message to be	S.o.p. (Helper. Multiply (2, 4)); S.o.p (Helper. Multiply (2, 7, 3));
	skility of a message to be displayed in more than one	3
	form.	
-	V	+
	There are two types of	Λ. ΟΛ ΛΛ
		untime Polymorphism
	Combile time Polymorshiem	also known as dynamic
0 08	Run lime Polymorblyism.	It is a process in which a
4		rethol call to the overvisber
		nethol is resolved at quatine.
	static polymorphism.	
	This type of polymorphism	This type of polymorphism is
	is ochieved by function	achievel by Method Overriding:
	overloading. Better	closs Posent
	class Helker	void display ()
	f	a forth of the state of the sta
	state int Multiply (int a, int b)	S.o.p. ("Porent Class");
-	1	. \$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	return a x b;	class subclass extends Parent
	state int Mulliply (into, int b, int	. 10
	Scar in many way, in o, in	voil siefly ()
	return axlxc;	{
	}	S.o.p. ("Sulclass 1");
	}	
Chitra	"If we have no peace, it is because we lave	forgotten that we belong to each other." —Mother Teresa

Date___

class subclass 2 extends Posent es as private and writing public S.o.p. ("subclass ?" It is more defined with the closs Demo setter and getter method class Assa Encopsulate Ex Porent a 1= new eubclass 1 (); private String name; solissing (); Porent o = new subcloss? (); lie String get Name () & returname; public void set Monne (Stainz new Monne) with Encopsulation? Mama = new Name; Public Ass Demo PS V m (String segs[])

Encaberlate Ex obj= new Encapsulate Ex ();
obj. set Name ("Ail"); ranism that limbs logetly cobe and the dota it monibulates. "Name: "+ obj. getName());

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11.	What do you mean by Abstraction?	12. Whol ore differences for Abstract class d Interfore?
	A STATE OF THE STA	W Hostand Classa
	Abstraction is the process of hiding	Interface ?
	costain details and showing a le	V
	Abstraction is the process of hiding certain details and showing only essential information to the user-	· Abelrock class can have abstract
	essentise anomation to the later.	and non-shelved melhols
	100 A 0. 0 . 0 . 00	1 1 1 1 1 1 1 1 1
	Abstraction can be achieved with either abstract closses or interpre	melliose.
	elther stillast closses or interpre	methods.
	On We con orliene 100 % obstraction	-> Abstract class does not
	On We con ochiene 100% obstractions using interforces.	support multiple inheritance
	7.002. 1 CVG. 1	> Interface supports multiple
122	If obstract close can have all	> Abstract class does not suffort multiple inheritance > Interface supports multiple inheritance.
n. C.	Island method then sho	Statement of the self
421	If obstract class can have all Island method then also 100% abstraction can be	* Abstract class con have
- 1	schières.	Final non final static and
		Mora- lati maiables.
	If there is no obstract method	final, non final, static and non-static variables. A Interface has only static I final variables.
7		final mariables
	in class then here in this	prior pousses.
	case 0%- obstantion is there.	Thebeles beywar is used to
	Tase UT- Systallous full.	Seclore obstract closs
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- 100 h		De lectore interfora.
- 1 Miles		to along a maryoto.
.61. (1)		A ph obstract class combe
	12)	
	to a second of Malay	extended using extended word.
	The second self of a little to the second	Dan interface con be implemented
	A A A A A A A A A A A A A A A A A A A	using keyword implaments.
ner in		VV

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