	Page no.:/ Date://				
	practical-2				
-					
4.7	a default, overloaded and upy constructor.				
$\overline{i}$	for default conspictor -				
	chart jest trainburge.				
	mogram-				
	Clay Text Corymictor.				
	Park C. I.				
	int 9, b;				
	+ y = 0				
	System. out print In ("valve Default Constructor!				
kA.	· (pt " p la pulsy ) relationer . Louis in the MC				
	(6+ 10)000 Ninter that complete the				
	b=20! Sun and said ("Valve of 9="+9):				
	System. out. print In ("value of 9="+9).  System.out. print In ("value of b="+b).				
	7				
e Man	Appropriate Distance him of Hotel above				
7	clay Main Constructor				
*	public static void main (String I J args)				
	Subdic such that the subdiction of the subdictio				
i	Test Constructor Obj = new Test Constructor ();				
	and the second of the second o				
	3				
	Output - c: \java asi> signac Main Constructor. jara				
	C: Java as > Java main community comments				
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S. S. S.					

```
Default Contractor !!!
   value of a = 10
    value of b=20
ii) for panamaterized constructor.
                clay TextConstructor
                  intainiferation with
                 Test Constructor (int x, inty)
                System. Out. printin ("paramaterized constructor] !!");
               System. out. println ("value of 9="+9);
System.out. println ("value of b="+b);
         clay main constructor
                public Static void main (String [] 9 rgs)
               Test-Constructor Obj = new Test Constructor (19,20);
  Output -
              C:/java ay/ javac maincommeter. java
              C: 1 java all 7 java main Confructer
               Paramaterized continuctor !!!
               value of 9210
```

value of beso

	Page no.:
b)	write a program to create a clay and implement the concepts of method overloading.
_i}	program to différent date type of greunents-
	pmgram-
	clay Calculate
	(d. M. i. d. dai. I bri ) platetom Lin.
	void sum (int 9, intb)
•	Jan 12 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	System.out. print ("Sum is:"+(a+b));
	[ Lycu [ ] p. ] + ? he isom tolow situate situation
	void sum (float 9, float b).
0.7	System. out. printin ("Sum is: " + (a+b));
	public static void main (String [] args)
	Calculate cal = new Calculate ();
	Cal. Sum (8,5)!
	Cal. Sum (8,5):
	CHARL PODICINE ON [//)
	And the state of t
	Dir Higgs
	Output - C: Tava ay Javac Calculate. java
	C:/Java an > java Calculate
	Sum 15: 13
	Sum is: 8.4

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program to different number of clay Demo roid multiply (int l, intb) System. out. println ("Result is: "+(l\*b)); void multiply (int l, int b, int h) System. out printin ("Result 1s:"+(lxbxh)); public static vold main (String [] args) Peme ar = new Demo(); ar multiply (8,5); gr. multiply (4,6,2).

C: | Java all > javac Demo. java C: | Java all > java Demo Repult is: 40 Repult is: 48

	Page no.:/ Date:/
c)	unite a program to create clay and implement the concepts of static methods.
i)	program - for static variable to create a clay
	program -
	public clay Static Variables (xample)
	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$
	Static int Z: Static Variabley (xample (int x, inty) ?
	this.x =x;
	-this.y=y:
	public void show ()
-	{
	System out printly ("Inside Show Method");
	System. out. println ("x="+x+"y="1+1+"z="+z);
	Zi Pro - prostavi
	public static void main (String [] args)
	h () volgath how
	Static Vaniables Example Objet = new Static Vaniables
	Example (10,20):
	Static Variables Example Obj - 2 = new Static Variables
	Grample (100,200);
	Obj-1. Show ();
	Static Variable Example - Z = 1000;
	0b)-2.5how();

C: 12900 ays Javac Statichaniably Grample · Java Outpu-C: | Java au} java Static Variables Example Inside show method X=10 4=10 2 20 Tryld Show method 72/00 y= 200 22/000 11) program for Static Methodclay Student F in rollrus. String name; static String coilege = "ITS"; static void change () }
3 whige = "BBDIT" Strudent (int r, String n) { rollno = r; name = ni void display () } System. out printin (rollno +" "+ namet" + college). public clay TettStaticMethod 1. public static void main (String [] args) 1

	ge no.:/
Date:/	
Student. Change (); Student S1 = new Student (111, "Akash	
Student SI = new Student (111, "Akaph	");
Student S2 = new Student (222, "Shy	9m");
Student S2 = new Student (222, "Shy Student S3 = new Student (333, "AKNi	less");
Si-display ():	
S2. display ();	
S3. display (1)	
3	
3	
Output - C: Java au > Java C TertStertic	nethod jara
C: Java an > java Tel+Statict	nethod
111 AKalh BBDIT	
222 Shyam TBBDIT	
222 Shyam BBDIT 333 Akhilesh BBDIT	
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