Assignment: 5

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म्	Explain Assay copy () with example.
	mag copy of wish example.
=>	This static method is applied in
	the class system of the market
	This static method is available in this class system of the parakage Java lang.
	This method is used to copy on
	array from another
	The speciality of this method is that
	you can select the starting Location
	of sousce and destination assay
	and also the normbes of elements
	can be selected.
	Synton:
7 - 1 2	System assay copy (source of copy , storting,
	destination, ending_index,
	length)
	Forgeg.
	System. assay copy (a, o, b, 1, 3);
	<u> </u>
	It will copy a total n-1 elements
-	where n is the sizes of orbay'o'.
	The elements will be copied from
	beginning of element number 10' of
	assay of into the arsay b' beginner
	begining of element number 10' of assay of into the array is beginning from Index 1' in the array is
	`b'.
62.74	

	* ***
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2) Explain methods of string class	Date
methods of string class	L'a dor in
=> (1) ·length()	string with the given character in
· length()	the 2nd position.
-> 0 1	
neturn an int value equal 1.	(7) equalsignosecase (string)
length of the collins	
-> Return an int value equal to length of the string.	-> It compares the string ignoring whether string winupper as lower ease and returns 0 as I according
(2) to lower Case()	whether string whupper or lower
	ease and setulns 0 as I according
which it is called with the string converted into lower care	
which it is string object through	(8) . compose Fo (string)
string a mild with the	2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -
converted into lower larg	-> It compose's two string's and setus
(3) to Upperlase ()	a i as -i acondingle. If both
· La Oppescase ()	are some then it will beturn o
-\ T1 0-1 c	
-> It geturns the string object through which it is called with the	(9) substring (Int)
which it is called with the	19 19 19 19 19 19 19 19 19 19 19 19 19 1
converted into upper case.	-> It returns the sutring from the
C. 2 10 0	given index . e.g. for youtube is
(b) . thim()	eg. for youtube à
- thims	substring(3) => tube
-> The methods the blank space at the end of a string	
the end of a string	(10) Substring (Int, Int)
the section is taken the section of	> It will give output from startly
(5) . equals (string)	to ending index.
	e.g. for youtube
-> It setusns o for false and I for True ofter the two string's are composed.	substring (1, 5) =) outu
for True ofter the two	
string's are compared.	(ID. concade (string)
	-> It combines two string with t
(6) seplace (chas, chas)	given string in the brackets.
	0
-> It seplaces the character in the	

Į.		
		Control of the Contro
	Dec.	Page No.
Circ	Page No. Date	Date
(12)	chasAt("nd)	
>	1 Setiso	
	The given index) Insert (int, chor)
-	e.g. You	Tuspets the character passed as
-	·chasA+ (2) => 4	the index possed.
(13)		nelete (int, int) Delete the substring from the
	Tt Setusn a posticulas index of	Delets the substring trom in
	given chorder	at asting 20 evening
	*	to the method.
(14)	Index of (chas, int) (6	2 (: 1 :-1 C18:00)
->	t setuso the inter of a chas	Replace (int, int, string) Replace the string passed into the
	from a positicular index	osiginal string from the starting to
· · · · · · · ·	JOURNAL THOUSE	ending indices possed to the
157	· tachos Assay():	method.
- ≻	This method converts the string	methor.
,	into a cholacter allan	append (string)
-		Appends the string passed to the
3	Explain methods of string Buffer Class	Original string
=> (1)	setchasAt (int, chas) 4	Explain Dynamic method Dispath with
->	It sets a cholocter at a porticular	example
	given index	
	⇒ >	In case of method oversiding when
(2)	chosat (int)	a method is called by on object
	It setuss the chosocites at a	of the class the method of the
	given index	corresponding class is called
63	->	A base class sefsence object can
(3)	to string()	be used to sefes either a lose
->	It converts the string buffer data	class object on a derived class
	ento a string.	object.
		In this case of oversiden method to
		be called depends on the object
	more amount of the second of t	

to which the sefesence sefessing that moment object is This can be sealized only during St Explain Finalize method and the suntime that the sefesence Wrapper Class. object is pointing to which class = + Finalize Method, Example: It Java, it is a call back method which is called before any object is garbage collected. Class Parent & It is present in the jour object public static void maint (int x) } class so it is ovailable to all System out pointln ("x="+x); the classes in jova. - Though the finitize method 2 class object performs no special class Child extends Parent & action; It simply setusno posmally. you will have to overside the public static display (inty) & required implementation for cleaning System. out println ("y="+y); It's object class is as proctected 3 void finalize () throws Throwable } } class main { public static void main (string orgs)? * Wrapper Class child c= new chald(); parent p = new pasent (1) A usappa class is a class whose object pasent ref; abob systimize a printing so equescu Sef=c; set display (5) when we create an object to a Sef = Pi wrapper class it contains a field and Sef display (10); in this field, we can stose a primitive data types. In other words, we can wrap a OUTPUT: primitive value into a whopper class Y=5 opiect. XZIO

-9- NEE	Page No. Oute		Page No.: Observe
			10 Ca 22 St
- An	chiect is needed to suppost		for (i=0; i(=n-1; i++)2
Sur	school a le needed to suppost		and the state of t
- The	chranization in multithreading.		Sum (=0; ic=n-1; i++)
016	convert primitive data types interest Objects are accorded if		Sum= sum + a [:];
00	ects Objects are needed if we wish		5
20	modify the arguments passed		avg = (float) sum;
int	s a method		System.out.println("Avg="+ovg);
ine	C108780 10		5
only	J objects and hence wapper	3	3
eJa	sses.		OUTPUT:
6/11/40	1		Enter no. of ele.
- 1	to accept a integers from uses		4
	and alsolar augles		Enter a no.
0+	there numbers		2
			Entes a no-
=> imp	ost javantil *;		3
clas	s Avenage		Erdes a no.
3			7
Pi	ublic static void main (string args [])		Entes a no.
2	J 3. J 350.		4
	int i, n, sum = 0		Avg = 2.5
morally -	float avg;		7
	Scanner sc=new Scanner (System.in)	77	WAP to accept mxn motrix and
	System.out.println ("Enter no. 02 ele.")	, 1	display it in modsing form.
	n = sc. nextInt();		aspag of the thousand toom.
	int all = new Int[n];	-1	import java util. Scannes;
	for Ci=0; i<=n-1; i++)		class Matrix
7	6		9
	System out pointln ("Enter a no."):		- 11 11 11 11 11 11 11 11 11 11 11 11 11
			public state vaid main (string orgs [])
2 3 10	a [:] = sc. next [n+();		1 2
			int[][] a = new int[3][3];
			int i, i

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Scannes ac = new Scannes (Systemin) System and posintln ("Enter values for matrix"); Los (:=0; :<3; i+t)	Given matrix is:	
	1 2 3 h 5 6	
for (j=0;j(3;j++)	7 8 9	
¿ a [:][;] = sc. next[.H);		
}		
System out paintln ("Given matrix ; s:"); for (=0; 1(3;1++)		
for (j=0; j<3;j++)		
System.out.print(a[i][i]+"");		
System-cut-psintln("");		
*		
3 Output:		
Enter values for matrix		
I Z		
3		
5		
7 ma small man bear whole all s		
ς 9		
il, to		