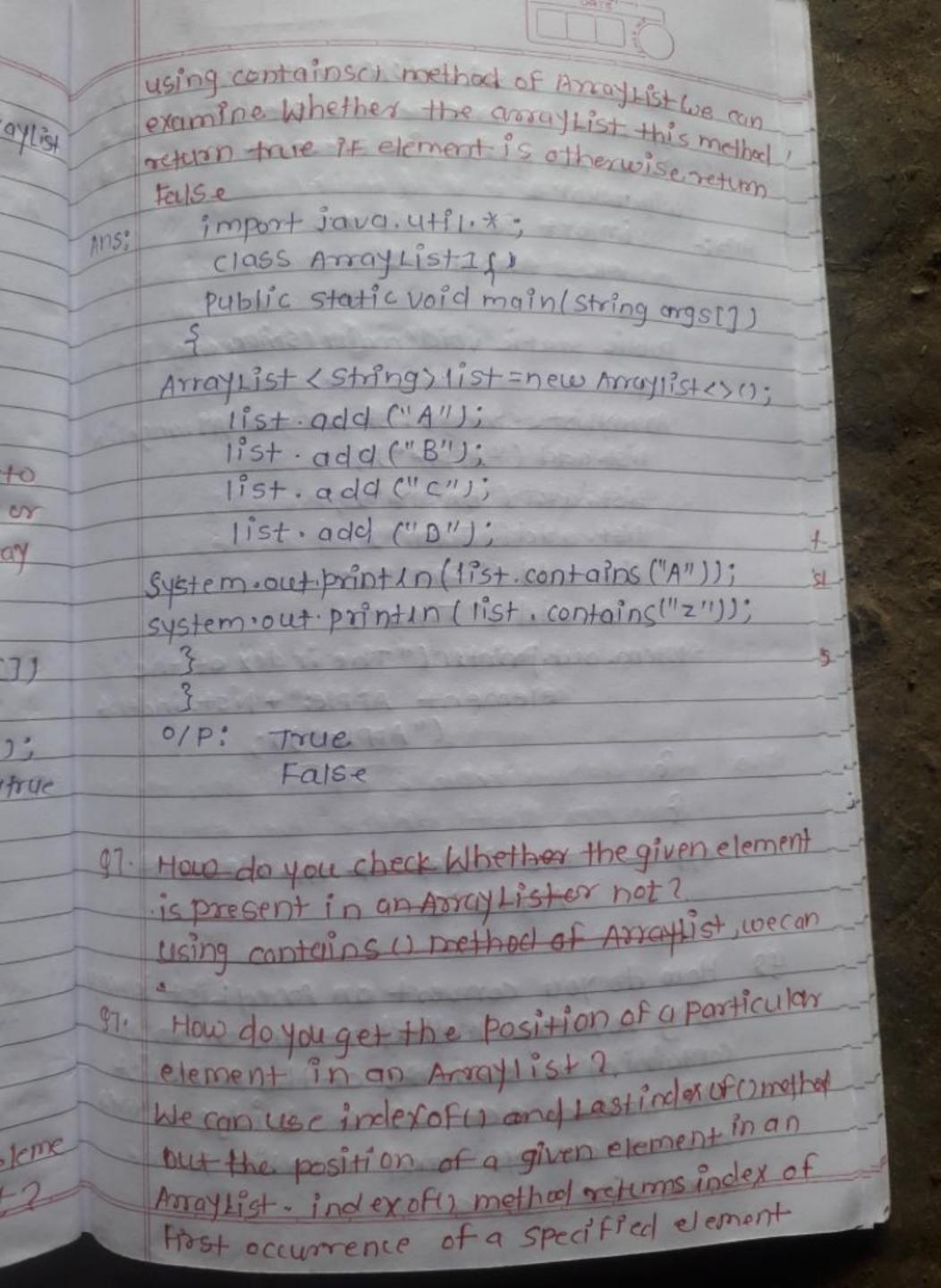
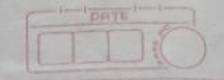


	- Ball			
		- GATE		
				public
		capacity. To manually increase the current		3
	1	capacity ensure capacity () method 15 used		Array
	Ans	import java util *;		
-	-	Class Array List		// no
				10
H		Public static void main (string ergs [])		- nu
		7		n
	-	Array List < Integer > numbers = new Array is		ni
-		<pre><integers> ();</integers></pre>	-	ne
		1/ now the capacity of the Arraylist	-	
		numberes is 10.	-	nu
		numbers. ensure capacity (15);	1013	11-12
		11 Now the capacity will be 15	4.00	5
		// elis Riaying Elements -		7
-		3 - melle municipal many 2		
	ومالاتمقال	TOTAL METERS TO AN AND THE PARTY OF THE PROPERTY OF	947	HOW
		("magnessa "(1) blumatio		in At
1			100	numb
	93)	How do you decrease the current capacity of	Ans:	1939
1		on Array list to the current size o:		
		Trimto size 11 method is used to trim the		-
		current capacity of array list to current		1000
Ni		size of the ArrayList Developers use the		-
W		method to minimize the storage area of		P
N	0000	an Arraylist		
	-	Indian Christian and an arrange Confirma		A.
1-	Ans:		1	
4-	3+50	class Array List	1	
1			1	
1		de la fierdista baseman de trabation par la		
1	1-4	mand and most designed autom toba		-

```
public static void main (string orgs[])
            ArrayList (Integers) numbers = new ArrayList
             11 now the capacity of the array List is
              10
              numbers add (5);
may 1's
               numbers. add (4);
              numbers. add (1);
              numbers add (9);
             numbers. primtosize();
            11 now the capacity will be 4
       94) How do you find the number of element present
           in An Amoylist · using size () method returns
           number of elements present in An ArrayList
      Ans:
of
               import java. util. x;
                import jova. util : Lists
               Public class Array
             Public static void main (string orgs[])
of
            Array List alist = new Array List();
alist. add (" Peacock");
                 Wist add (" Parrot");
                 alist. add (" Rose");
                 alist. add (" Mongo");
                 alist.add ("chikoo");
```

			4
	DATE		
			usir
			6 XCTI
	System . out. printin ("The size of the Arraylia	1	rete
	3 - is: "+ alist.size());	1	tell
	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Ans:	11/
	0/P3-		-
	The size of the Array List is is		
	The second of th		-
95. H	tow do you find out whether the given		AY
A	may list is Empty or not?	- 1 1 S	230
1	5 Empty() method of Array Fist is used to		
	heck Whether the given Array List empty or		
n	ot . This method returns 'o' if an Amay		
-1	ist is empty.		Syk
Ans;	import java. util. *;		sys
June of July	public static void main (string angs[])	330	10
A LABOURED IN	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF		
- A	may List (string) list = new Array List) ();		0
2- 51	1stem. out printen (list is Empty 1); //true	I sales	
1	list . out ("A");		
549	stem. out Printin (1ist is Empty ());	97	. 1
1	3		-
1112010	3 Hard mismalling states strang		1.10
00	utput:	al line	12
No man	distrue true to long the series	97.	2
	false Thomas In	31	9 3
	true: 1160 miles		6
00		1	W
1- 96. Hou	do you check whether the given eleme	1	0
+en-	+ is Present in Array 18st on rot?		A
			1





alhere as Lastindex of a specified element in an Arraytist, if element is not found the will return-1

Ans:

class Array List 2

Public static void main (string args[])

ArrayList (string ) List = new Arrange Listex; list add ("Appir");

list. add ("Banana");

list. add ("sam");

system. out. printin("The index of the element Apple:"+ list. index of ("Apple:"));

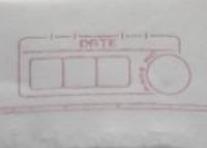
3

O/P :- The index of the element APPle:1

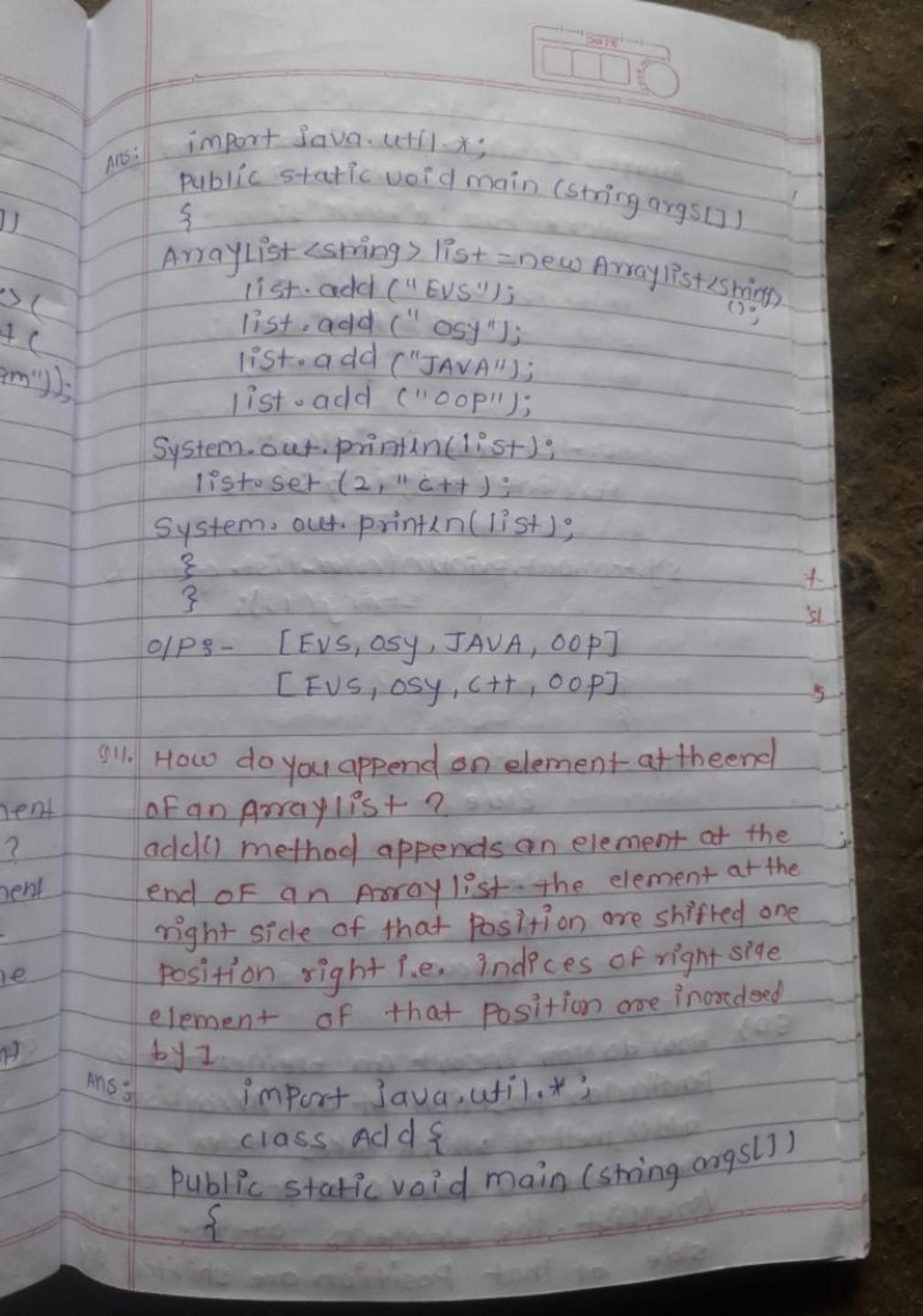
How do you convert an Amony List toomans
using to Array a method returns on Array
containing all elements of the Arrayist
This method act as a bridge between
normal arrays and collection frame

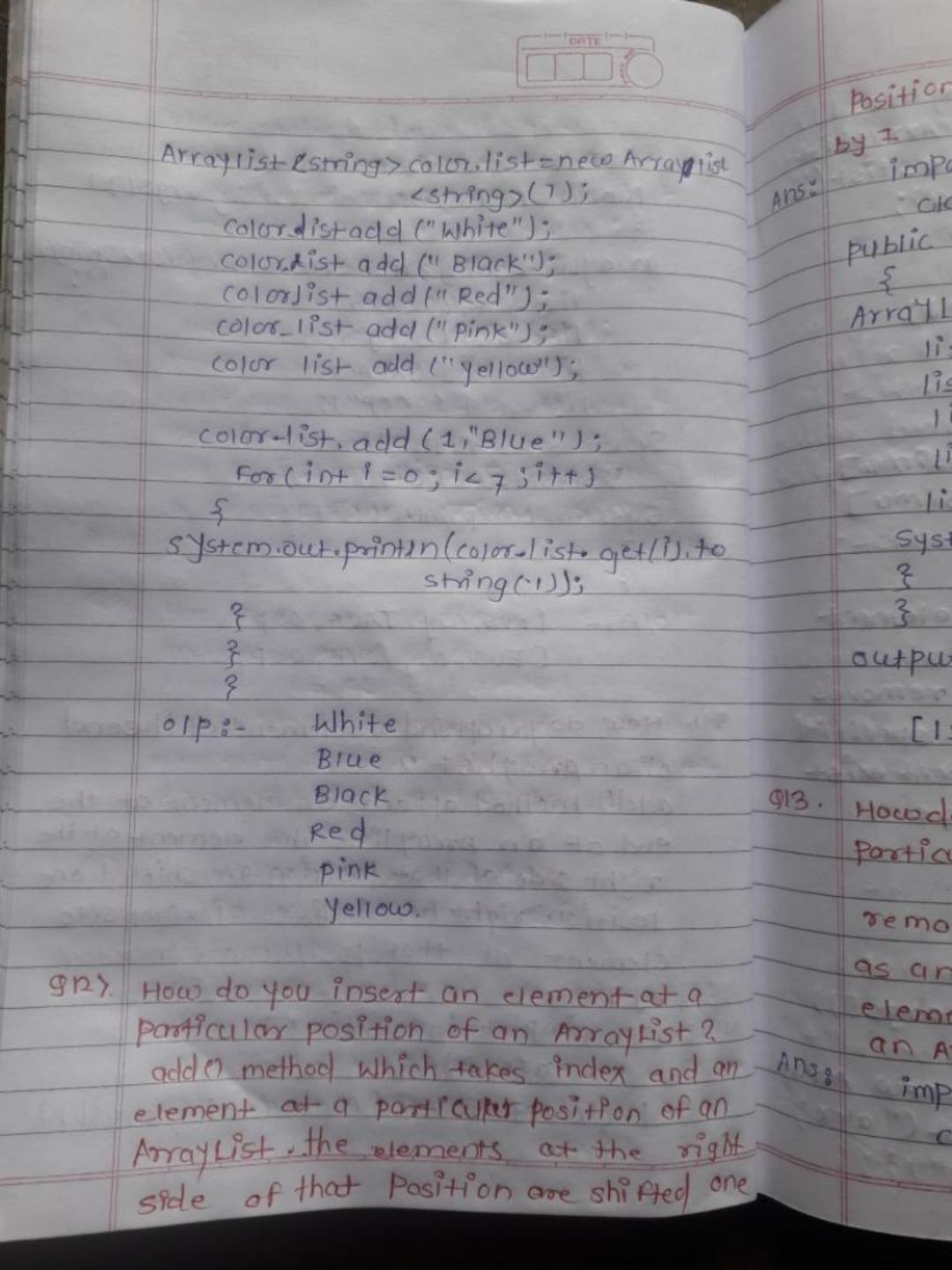
99.

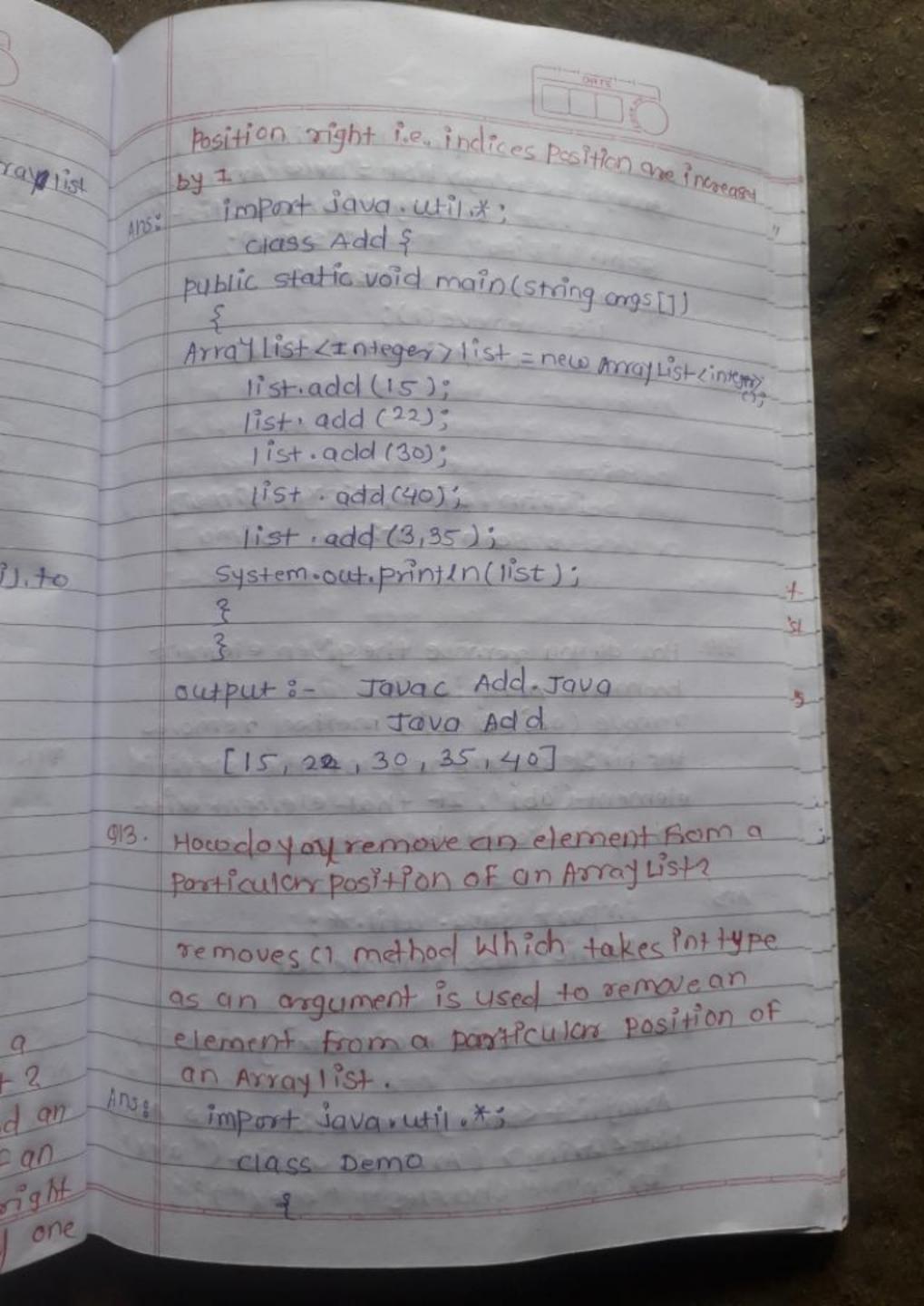
```
index
            Import Java . util. x;
            class ArrayList 1 5
ment
            public static void main (string args 1)
found the
           Array List <string > list = new Array listero;
                11st add ("A");
                1 ist . add ("B");
                1ist . add (" (");
                list add ("d");
           11 convert to Array 1 array
Listex.
             Array[] array = 19st to Array ();
           System. out. println (Arrays to string (onay));
           11 Itrate of convert to desired type
           For (Array 1 A: array) 11 for each loop
            string s = (string) 0;
           system.out. printin(s);
XOF
          0/P 3- [A, B, C, D]
1000012
      99. Howdoyou retrive an element From
         a Particular position of an Arraylist?
          get() method returns an element from
el 1
          on Array List . This method takes index
          of the element as an orgument
```

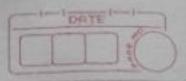


in Anso import Java util x; P4 slass Array List & Public static void main (strong orgs[]) AYY Array List (string ) list - new Array List () May aslist ( " alex ", John", "dough", "sam")); String First name = list get(0); Sys String thirdname = list get(1); system-outiprintin (First-name); system.out. printin (third name); 0/1 alex 0/1 3 dough 911. HO 910. How do you replace a Porticular element OF in an Array List with the given element? ad Set () method replace a particular element er in an Arraylist with the given element This method takes two arguments one is the index of the element to be riplaced and another one is element to be placed at that position. Ans:









545+ Public static void main (string arous []) hame Array list (sming) list = new Array List Syster John", "Dipa", "Tima", "sima"; name SYST system. out printen (1ist); list . remove (1); system. ocet. Printin (list); OIP 0/P:-[John, Bipa, Tima, sima] Hoce [ & John, Tima, Sima] Amay nemo 914. How do you remove the given element Arroy is ex Broman Array list ?. remove (objetiobi) method removes Ans: the first occurrence of the specified element ('obj'; IF that element exist Array list will be unchange. import java. util. x; AMS Arro Public class remove obi public static void main (string orgs []) Array list <string> namelist = new Array "brian", "charles", "alex"));

system.out. printin (names. list); names List. remove (" Dipali) System. out. printin ( Dames 18st ); names List. remove ("alex"): systemodet. Printin (names List); [alex, brian, charles, alex] Dipali, brian, charles, alex] 915. How do you romove all element of an Arraylist at a time o clear () method removes all plements of an Array List, Amoy List will be empty efter this method is executed. import java. util. Arraylist; Ans: 05 Public class remove all fred public static void main (string orgs[]) Amaylist (string > list = new Array list (); list-add ("abc"); 1:6+ add (" P9 R"); list add ("DEF"); 1) list add ("XYZ"); System. out printin ("Array list:"+1ist); system.out. printencisize of Arraylist" + 115+1;

	system.out.printin(" size of Arraylig" + 1ist. size(1);	- Constant	system
	2 + 115+. Size(1);	_	3
	2	1023	3
		-	0/P %-
916.	How do you retrive a portion of an		
	Array list sublist () method return a	The state of	AND STAN
0	veile of a portion of an Arraytist in		
-	the given range the returned sublist		Retri
	will be reflected in original Arraylist	010	
Amon	or vice-versa	917.	Hou
Ansa	1 3444 - 4 11 11 1		we can
	public Class get	ALC:	-Pon ty
	Public static void main (string crys[])		This p
	s state volument (sing orgsu)	100	Passec
	Array list < Integer > arrist = new Array List	Anse	collecti
	Linteger>(5);		00
ILL E	arrist.add(15);		23 8
	arr 1ist, add (22);		Pyt
104	arrist.add (30);		4
	arrist. add (40)"	-	Arrayl
	For (Integer number: arrist)	-	20 0000
		30	ast ar
	system. out. printin ("Number="+		ar
ASSET A	number);	-	on
Was the	3		as
	int retval = arrist. get (2);		Per
			-3

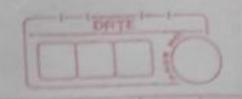
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system. out. Print Lo (" Retrieved element is!
Lig.
                  + retual 1:
         ofp :- Number = 15
           Retrived element is : 30
St
            How do you join two Haray 13+?
     917.
        we can use add All () method which takes collect.
        - Pon type as an argument to join two Array 131.
        this method appends all elements of the
         Passed collection to the end of the invoking
D)
        collection.
              import java. util. Amaylist;
     Ans
List
            public class set
           Public static void main(string orgs[])
         ArrayList < Integers > arriPst = new Array List
                              < integer> (5);
            arrist add (15);
             arrlist, add (20);
             orriest , add (25);
             arrist, add (22);
             Per (integer number; arrist)
```



systemiout printin ("Number =" + number Ans: Tr arristoset(2,55); system. out. printing new 1847 For (integer number: orrlist) system.out.println(" Number" +number OIP: - Number: 15 25 22 printing new 1ist: 15 20 55 25 22 918. How do you insert more than one element at or particular position of an Arrylist ?

0/1

```
Ans:
     import java . util . Arraylist;
      Public static class position
      Public Static Void main (string args[])
      Array List (Integer) amist = new Arraylist
                   c-< Integer>(5));
       arrist, add (15);
       arrlist add (22);
       arrist, add (30);
       arrist, add(40);
    system.out.println ("Inital Array List");
      For (Integer numbe: arrist)
     System.ocet. println("Number="+number);
      arrlist. add (2,25);
     System. out printin ("after Inserting the.
       new element at index 2 of amistillis
        for (integer number: anslist)
        systemoout printan ("Number": + nu
                    -mberl;
               Initial Array list:
                                    15
                                   22
                                   30
                                    40
```



After inserting the new element at index 2 of arrylist

Number: 15

22

25

30

- 40

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CONTRACTOR - TOTAL CONTRACTOR

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Lucius Coloring to be a series