	copy overy from 2 overy to mother. Classmate Carraycopy () method ? Date Page
<u> </u>	Exerte a copy of croway? To exerte a copy of an corray in jova from ome array to another we can do this with 2 methods
Open spranning of the s	
1) Using arraycopy() 2) simply iterate over method. the original orray.
And of the second secon	1) Dsing System. oddaycopy
	"In Java, the arraycopy method is used to copy elements from one array to another. It is a static method defined in System class.
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	"In Java, the arraycopy method is Used to copy elements from one corcy to another. It is a static method defined in System class. System. arraycopy (Object soc, int socPos, object dest, int dest Pos, int length);
	"In Java, the arraycopy method is Used to copy elements from one array to another. It is a static method defined in System class. System. arraycopy (Object soc, int socPos, object dest,
	"In Java, the arraycopy method is used to copy elements from one array to another. It is a static method defined in System class. System. arraycopy (Object sac, int sacfos, object dest, int destfor, int length); (In Simple]:
	"In Java, the avaycopy method is Used to copy elements from one array to another. It is a static method defined in System class. System. avaycopy (Object soc, int sochos, object dest, int dest pos, int length); Cint [], int, int [], int, int [];

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- 1) sac: This is the source array from which elements are to be copied.
- 2) Gacpos: This is the strating position into the Source array (620) from where elements will be oppied.
- 3) dest; This is the destination orray where elements will be copied.
- 4) dest Pos: This is the starting position in the destination oray (dest) where elements will be copied.
- 5) Length; This specifies the number of elements to be copied from the source array to destinction array

(Note)

- 1) (620) & (dest) must be crossy of the Same type.
- 2) EDCPOS & destros must be non-negative & within bounds of their respective arrays.
- 3) length must be non-negative of should not course on (Array Index Out of Bounds Exception) when added to (60cPos) or (dest Pos)

This method is efficient for copying orray elements, especially when cleating with large arrays, as it with utilizes notive code for performance optimization. # Java code 11 (reate a gray. int[] 67(Array = £1, 2, 3, 4, 53; 11 (coate a variable to store the Stee of 11 the orray. int Size = wy sochrony, length; Il (seate array where we will copy the above 11 numbers. int [] destArray = new int[size]; 11 copy all elements from sochray to dest Array. System orray copy (Sochroay, O, desthroay, O, sochoray lengts); 11 display op for (int i: destarray) {
System. out. point (i + ""); output

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Problem Statement
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Here's on orocy [6x(Arocy = 11,2,3,4,5)]
now cheate 2 separate array's which
will have values such as [0002= 12,2,3]
$ 10002 = £ 4,531
```

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01234
int[] SocArray = 11, 2, 3, 4, 53;
// int[] 0.12
// int[] 0.71 = 1.2,33 comments
11 int CJ arr 2 = 44,53
```

System. array copy (Sochray, O, arr1, O, Sochray length - 2); System, arrayuspy (GrcArray, 3, arr 2,0, Soc Array. length - 3);

for Cipt i: or 1) q System. out-point (1 + "1);

foo(Int i: arr2) 1 System out point (i + " ");