5	Thechingon soling
9/11 •	It is vary simple and efficient algorithms for the smallest
	lists. The so makes one to anomore was one more than
Plom	Its medianism is very simple just take elements from the
	list one by one and inserting them in their correct Position
	mto a new sorted list.
	The name insertion sorting means that sorting is occurred
	by moeting a particular element at a proper Position
*	In the second repeating process third element is compaled
	with all the above elements that (att[1] and att[0])
	In the first repeating first of all second element attall is
•	compare with the first element attol.
	so in general we can say that in every repeating process of
0	element is compared with all the elements before it.
	when we comparing at that time it it is found that the
	element can be inserted at a proper place then space is
	created for it by shifting then other elements one position
•	and and inserts the desired element at the szuitable position.
	An example of an insertion sort occases in everyday life while playing colds.
	tame bioequia (0102)
	A 19110 TO Aimer Arios on Board again

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- To soft the calds in one's hand one ectact a cald, shift the femaining calds, and then insert the extracted cald in the Cotteet place.
- This Process is repeated whill all the colds are in the cortect sequence.
- . It we complement it condition in this program, it will give oblet the softed after in descending order.

Softing Bookble soft insertion sort DOT BY THE RESIDENCE OF THE SAME AND artay 5 4 10 1 6 2 n=6 Mdex 0 1 2 3 4 5 temps 4 tempore 4 stom other and store in 3 C++1 6 M2 = 12707 Xi some temple arijs 9 9 9 3 = 1-15 3 (amost< [i] 2 88 0=< i) Slidw Cilpo [1fila 3--5 aci+1] = temp; Step 1 = 0 1 2 3 4 5 5 4 10 1 6 2 temp= 1=4 ; temp = 4; 1=1-5=1 Step 2: While (i) =0 && a[i]>temp) enter loop because j=1 and temp=4

## that means value 5 set at index 1 and

j dechement to @ -1

Step 3: acit 1] = temp vaeset 4 at 0 index

this Process work with the array will sorted

TOTAL COLD 38 SECTION OF THE PERSON OF THE P

anota [NACTO

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3 4 5 5 1 0

Ash agmap

サーヨルンド

N = 1-8 = 1

[9404XIXID 33 0= X 10 0 11/4X