code for Bubble Sorling

Hindude (Postmans)

Void bubble sesting (Int arritation)

for lint 1=03izn-1;i+1) q

for (int j=0 ijkn-i-1; j+1)}

If (antil > anti+11);

Swap (arrig 1 marrig +17);

3 3

int main() }

int moi []= {11,1,5,4,3,2};

int n= size of (ass)/

Size of (0386[0]);

Couter original array:

for (tot 1=0; kn; i++){

Cout « asstil« ";

cout «endli

- bubblesest (armin);

Couler "Sorted array:";

fox (int i=0; icn; i++) }

3	uk(arri)				
	Coutchend	1;			
	return o		MARTIN		
	Out pu				
	Selection		Orting		
	de c'iostrea				
V	namespace				_
void s	selections	1			
Void	Selectionsor	et(int ass	(Isint n)	1	
	for (int i:	cosich-1	1++15	me mi	
	int m	ninIdx - i;		1 /11	
	fox (tnt	1-1+1:	<n; j++)<="" td=""><td></td><td></td></n;>		
	if (ass li	1 < arr [m	inIdx 1) s		
	minIdx =	-j;	174 /10		
	}	I Tay	There is no		
	1 / Swap -	the found	minmum (element wi	th ti
		oux [minid	x1;	Adding.	
, 1		2 - 11-80			

W:		
roid	Print Neway (int april int n) ?	
	fox (Int 1=0; ix n; 1++)	
	comf « call lists , , ;	
	Cout exerd!;	
	int main() i	
	int arx[]= {18,12,9,20,15,10,8];	
	int n=Szections)	
	Sized(arr(0));	
	Selectionsort (arr,n);	
	Couter sorted array using Selection sort;	
	PrintArray (arran);	
	return 03	
	Out put:- 3,9,10,12,15,18,20	
1	3,9,10,12,15,18,20	
	Insertion Sorting	
	Hindude (tostreeam)	
	Using namespace sld; Void Insertionsert(Int orillint n)	

```
for (int i=0; icn; i+1);
           int Key - are[1];
           Int j=1-1;
        // Move elements of assio .... i-il that
        are greater that key // to one Position
         ahead of their aurrent Position.
        While 1 12=0 88 anstill > Key)?
         arr [i+1] = arr [i]; (i--; )
    008 [i+1]=Key;
void PrintArray (int orrill, int A) }
       for (int j=0 ; ikn; i++)
     confra ass [i] <c ";
    contecendli
int main() }
    int axx[]= \ 18,12,9,20,15,10,8];
    int n = Size of (ass)/
 Sizedfars Toll;
 insertion Sort (arr, n);
```

Couter "sorted array wing Insertion sort:"; Point Nee and (ace " w)? seturn 0; Out put-9,10,12,15,18,20.