```
# include < stdlib . h>
# include < time. h>
void swap (int *x, int *y)
9 int temp = *x;
    * y = + tong;
 void bubble Sout (int ann [])
   inti,ii
    Jan ( i= b ; i c 11-1; i++)
   for (j=0;jen-1;j++)
    if ( am ( j > am ( j+1] )
    owap (hamej], hamej+i]);
  int main ()
  ¿ int c;
     double bt;
     shock t start, end;
    printf ("Futer the number of elements of array \n").
    scanf ("/d", hn);
    int amoy [n], among 1[n];
    for (i= o; ccn; i++)
     amay[i] = rand()./.1000;
      amay 1 [i] = amay [i];
     printf ("tol", wway [i]);
```

```
private ("\n");
 start = clock();
 bubble Sout (array 1);
 end = clock();
 b+=((double)(end-start))/CLOCKS_PER_SEC;
for (i=0; i < n; i++)

{ print f ("/d", away 1(i]);}
 printf ("Souted array is:");
printf("In Time taken by Bubble Sout: felf In", bt);
print f ("\n");
```