Selection Sort

```c
#include<stdio.h>
#include<stdlib.h>
#include <time.h>



int main(){
    int i, j, count, temp;
    float start,end;

    printf("How many numbers u are going to enter?: ");
    scanf("%d",&count);
    int number[count];

    for(i=0;i<count;i++)
        number[i]=rand();
     start=clock();
    for(i=0;i<count;i++){
        for(j=i+1;j<count;j++){
            if(number[i]>number[j]){
                temp=number[i];
                number[i]=number[j];
                number[j]=temp;
            }
        }
    }
     end=clock();
     printf("\n Time taken to sort %d numbers is %f Secs",count,
(((double)(end-start))/CLOCKS_PER_SEC));
    return 0;
}
```

```
 How many numbers u are going to enter?: 10000

  Time taken to sort 10000 numbers is 0.273698 Secs

...Program finished with exit code 0
Press ENTER to exit console.
```

Insertion Sort