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EXPERIMENT NO.1b

Source Code:

```
#include <stdio.h>
```

```
void main() {  
    int  
    a[30];  
    int n,i,j,t,pos;  
    printf("\n Enter no elements in the array  
    =");  
    scanf("%d",&n);  
    printf("\n Enter the elements  
    =");  
    for(i=0;i<n;i++)  
    {  
        scanf("%d",&a[i])  
        ;  
    }  
    for(i=0;i<n-1;i++)  
    {  
        pos=i  
        ;  
        for(j=i+1;j<n;j+  
        +)  
        {  
            if(a[pos]>a[j  
            ])  
            {  
                t=a[j];  
                a[j]=a[pos];  
                a[pos]=t
```

```

        ;

    }

}

printf("\n Sorted Array =
= ");
for(i=0;i<n;i++)
{
    printf(" %d \t
",a[i]);
}
}

```

Output:

Enter no elements in the array =**5**

Enter the elements =1 123 54 12 5

Sorted **Array** =

```

1
      5
    12
    54
    123

```