

Write a python program to implement selection sort

Aim:-

To write a python program to implement selection sort.

Program:-

```
print("** Selection Sort Using Python Programming **")
```

```
a = [23, 34, 21, 51, 100]
```

```
for i in range(len(a)):
```

```
    minimum = i
```

```
    for j in range(i+1, len(a)):
```

```
        if a[minimum] > a[j]:
```

```
            minimum = j
```

```
    a[i], a[minimum] = a[minimum], a[i]
```

```
print("Sorted array")
```

```
for i in range(len(a)):
```

```
    print(a[i])
```

Result:-

Thus the program to implement selection sort has been executed successfully.

Output:-

**** Selection Sort Using Python Programming ****

Sorted array

21

23

34

51

100