

***Python Programming***  
**LABORATORY MANUAL**  
**B.Tech Semester -IV**  
**Subject Code: (KNC-402)**



**Session: 2020-21, Even Semester**

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## OBJECT-:

Write a python program Selection sort.

## PROGRAM-:

```
selection.py > ...
1  import sys
2  A = [64, 25, 12, 22, 11]
3
4  for i in range(len(A)):
5      min_idx = i
6      for j in range(i+1, len(A)):
7          if A[min_idx] > A[j]:
8              min_idx = j
9
10     A[i], A[min_idx] = A[min_idx], A[i]
11
12     print ("Sorted array")
13     for i in range(len(A)):
14         print("%d" %A[i]),
```

## OUTPUT-:

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
PS D:\Python> python -u "d:\Python\selection.py"
```

```
Sorted array
```

```
11
```

```
12
```

```
22
```

```
25
```

```
64
```

```
PS D:\Python> █
```