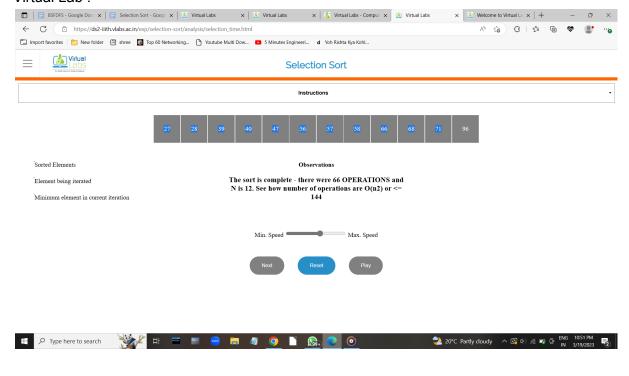
Virtual Lab:



Name: Shreejita Nandkishor Bhadane

Batch: T2 Roll no.: 22

PR Name Selection Sort

INPUT

```
#include <iostream>
using namespace std;
void Selectionsort(int arr[], int n)
{
  int i, j, min;
  for(i=0; i<n-1; i++)
{
    min=i;
  for(j=i+1; j<n; j++){
    if(arr[j] < arr[min]){
    min=j;
}
}
int temp = arr[min];
arr[min] = arr[i];
arr[i] = temp;</pre>
```

```
}
}
int main()
int n,i;
cout<<"Enter the no of elements: "<<endl;
cin>>n;
int arr[n];
cout<<"Enter the elements:- "<<endl;
for(i=0; i< n; i++){
cout<<i+1<<") ";
cin>>arr[i];
}
Selectionsort(arr, n);
cout<<"\nAfter sorting elements are - "<<endl;
cout<<"In ascending order"<<endl;
for(i=0; i<n; i++){
cout<<i+1<<") ";
cout<<arr[i] <<" "<<endl;
}
return 0;
}
Enter the no of elements:
4
Enter the elements:-
1) 1
2) 2
3)3
4) 0
After sorting elements are -
In ascending order
1)0
2) 1
3) 2
4) 3
```

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