



**Q:Write a program to find average of numbers.**

```
#include<bits/stdc++.h>

using namespace std;

int main(){

    int a[5],i,sum=0;

    double avg;

    cout<<"Enter the number of elements";

    for(i=0;i<=4;i++);

    {cin>>a[i];

    sum=sum+a[i]

};

    avg=sum/i;

    return 0;

}
```

**Q2: Write a program to bubble sort an array.**

```
# include <bits/stdc++.h>;

using namespace std;

int main(){

    int arr[10]={1,5,8,1,4,7,3,6,9,0},temp=0;

    for(int i=0;i<10;i++){
```

```

        for(int j=1;j<10;j++){
            if(arr[j]<arr[i]){

                temp=arr[j];
                arr[j]=arr[i];

            }
        }

    }cout<<"Result:";
    for(int i=0;i<0;i++){
        cout<<arr[i];
    }

}

```

**Q:Write a program to create selection sorting using arrays.**

```

# include <iostream>
using namespace std;
int main(){

```

```

    int n;
    cin>>n

```

```
int arr[n];
for(int i=0;i<n;i++)
{cin>>arr[i];
}
for(int i=0;i<n;i++)
{for(int j=i+1;j<n;j++)
{if (arr[j]<arr[i])
{int t=arr[j];
arr[j]=arr[i]
arr[i]=t;

}
}
}
for(int i=0;i<arr.size();i++)
{cout<<arr[i]<<" ";
}return 0;
}
```