```
#include <iostream>
using namespace std;
int main() {
  int n, i;
  float sum = 0.0, avg;
  float num[] = {12, 76, 23, 9, 5};
  n = sizeof(num) / sizeof(num[0]);
  for(i = 0; i < n; i++)
  sum += num[i];
  avg = sum / n;
  cout<<"Average of all array elements is "<<avg;
  return 0;
}
```

```
#include<iostream>
using namespace std;
int main ()
{
  int i, j,temp,pass=0;
  int a[10] = {10,2,0,14,43,25,18,1,5,45};
  cout <<"Input list ...\n";
  for(i = 0; i<10; i++) {
     cout <<a[i]<<"\t";
  }
cout<<endl;
for(i = 0; i<10; i++) {
  for(j = i+1; j<10; j++)
  {
```

```
     if(a[j] < a[i]) {
        temp = a[i];
        a[i] = a[j];
        a[j] = temp;
     }
  }
pass++;
}
cout <<"Sorted Element List ...\n";
for(i = 0; i<10; i++) {
   cout <<a[i]<<"\t";
}
cout<<"\nNumber of passes taken to sort the list:"<<pass<<endl;
return 0;
}
```

```
#include<iostream>
using namespace std;
int findSmallest (int[],int);
int main ()
{
   int myarray[10] = {11,5,2,20,42,53,23,34,101,22};
   int pos,temp,pass=0;
   cout<<"\n Input list of elements to be Sorted\n";
   for(int i=0;i<10;i++)
   {
      cout<<myarray[i]<<"\t";
```

```
    }
    for(int i=0;i<10;i++)
    {
        pos = findSmallest (myarray,i);
        temp = myarray[i];
        myarray[i]=myarray[pos];
        myarray[pos] = temp;
        pass++;
    }
    cout<<"\n Sorted list of elements is\n";
    for(int i=0;i<10;i++)
    {
        cout<<myarray[i]<<"\t";
    }
    cout<<"\nNumber of passes required to sort the array: "<<pass;
    return 0;
}
int findSmallest(int myarray[],int i)
{
    int ele_small,position,j;
    ele_small = myarray[i];
    position = i;
    for(j=i+1;j<10;j++)
    {
        if(myarray[j]<ele_small)
        {
            ele_small = myarray[j];
            position=j;
        }
```

```
    }
    return position;
}
```