

CODE :

```
#include <iostream>
#include <stdio.h>
using namespace std;
template < class T > T sort_selection ()
{
    int i, j;
    T a[10];
    T temp;
    for (i = 0; i < 10; i++)
    {
        cin >> a[i];
    }
    for (i = 0; i < 10; i++)
    {
        for (j = i + 1; j < 10; j++)
        {
            if (a[i] > a[j])
            {
                temp = a[i];
                a[i] = a[j];
                a[j] = temp;
            }
        }
    }
    cout << "Sorted Array is :\n";
    for (i = 0; i < 10; i++)
    {
        cout << a[i] << endl;
    }
}

int
main ()
{
    cout << "Enter the Numbers to be Sorted\n";
    cout << "Integer Sorting\n";
    sort_selection < int >();
    cout << "Floating sorting\n";
    sort_selection < float >();
}
```


OUTPUT :

```
Enter the Numbers to be Sorted
Integer Sorting
1
4
5
9
36
21
25
14
20
12
Sorted Array is :
1
4
5
9
12
14
20
21
25
36
Floating sorting
1.3
12.6
1.36
4.5
5.6
8.7
4.3
9.8
6.4
7.3
Sorted Array is :
1.3
1.36
4.3
4.5
5.6
6.4
7.3
8.7
9.8
12.6
```

