Code for Swapping Variables

```
T= A

A=B

B=T
```

Code for finding max out of array

```
max= mango [0] ;

for i = 1 to 4
{
If (max<mango[i])
max= mango[i];
}
```

Code for selection Sort

```
for j= 0 to 3
{
max= jar [j] ;
maxIndex=j;

for i = j+ 1 to 4
{
If (max<jar[i])
{
max= jar[i];
maxIndex=i;
}
}
t= jar[j]
jar[j]= jar[maxIndex]
jar[maxIndex]= t
}
```

Code for Selection sort using function

```
main(){
for j= 0 to 3
{
maxIndex = findMax(jar, j, 4);
t= jar[j]
jar[j]= jar[maxIndex]
jar[maxIndex]= t
}

}



int findMax( int[] jar, int s, int e){

max= jar [s] ;
maxIndex=s;

for i = s+ 1 to e
{
If (max<jar[i])
{
max= jar[i];
maxIndex=i;
}
}
return maxIndex;
}
```