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# Selection Sort

**Code Id** 32  
**Date Updated** 3/7/2010  
**Title** Selection sort  
**Description**

This program illustrates sorting by selection. Here when we perform a search thro

## Codes Snippet

```
select (int a[], int n)
{
    int i, j, temp, minind;
    i = 0;
    while( i < n - 1)
    {
        /* minind denotes the position of smallest element */
        /* found thus, far for a particular iteration */
        minind = i ;
        j = i + 1;
        while (j < n - 1)
        {
            if (a[j] < a[minind])
                minind = j;
            j ++;
        } /*end of inner loop*/
        if (minind != i )
        {
            temp=a[i];
            a[i] = a [minind];
            a[minind] = temp;
        }
        i ++;
    } /*end of outer loop*/
} /*end of routine */
```

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