

```
function sort ( int[] data )  
    for ( int i = 0; i < data.length; i++ )  
        for ( int j = 0; j < data.length; j++ )  
            if ( data[i] < data[j] )  
                int tmp = data[i];  
                data[i] = data[j];  
                data[j] = tmp;  
            end if;  
        end for;  
    end for;  
end;
```