Write a Version of `is_smaller` or a Specific Type

How do we use the generic sort?

Start by writing a comparison function.

Function signature must match specification for is_smaller:

```
int32_t (*is_smaller)
        (void* t1, void* t2)
```

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Example: Comparison Function for `double`

```
int32_t double_is_smaller
    (void* t1, void* t2)
{
    double* double1 = t1;
    double* double2 = t2;
    return ((*double1) <
            (*double2));
}
```

Convert to **double***.

Perform the comparison.

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Comparison Function Enables Sorting **double**s

And now we can sort doubles!

```
double d_array[8] = {
    5.0, -17, 39, 33,
    -222, 109, 3.1415, 60
};
isort (d_array, 8,
       sizeof (d_array[0]),
       &double_is_smaller));
```

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Code is on the Class Web Page

That's all!

Again, all code is on the web page.

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