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/*  
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Course: CSCI-136  
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Assignment: E7.1, e.g., Lab1C
```

```
Exercise 7.1; sorting 2 number with pointers  
*/
```

```
#include <cmath>  
#include <iostream>  
using namespace std;
```

```
void sort2(double* p, double* q);
```

```
int main()  
{  
    double x = 1.1;  
    double y = 9.2;  
    double *num1 = &x;  
    double *num2 = &y;  
  
    sort2(num2, num1);  
    cout << *num1 << " " << *num2; //outputs values of addresses with *  
}
```

```
void sort2(double* p, double* q)  
{  
    double* temp = nullptr; //initialize pointer to null  
    if(*p > *q)  
    {  
        temp = p; //temp points to p  
        p = q; //p points to q  
        q = temp; //q points to temp  
    }  
}
```