```
//                                      Milos Topic
//                                      10/01/99
//                                      CIS-112   problem #6
//                                      Computer Science II
#include
#include
#include
class array
        {
                public:
                        array() {}
                        void title();
                        void fillit(int arr[],int size);
                        void printit(int arr[],int size);
                        char true(int arr[],int size);
                        char printtrue(int arr[],int size);
                private:
        };
void array::fillit(int arr[],int size)
        {
                ifstream infile("c:\\bc45\\bin\\pmshop\\cpp\\top1.dat", ios::in);
                int i = 0;
                while(i < size)
                        {
                                infile >> arr[i];
                                i=i++;
                        }
        }
void array::title()
        {
                cout << "\n\n Milos Topic                              10/01/99";
                cout << "\n\n Problem #6";
                cout << "\n\n ***ASCENDING ORDER***";
                cout << "\n";
        }
char array::true(int arr[], int size)
        {
```

```
                int i = 0;
                while(i < size)
                        {
                                if(arr[i] > arr[i + 1])
                                        {
                                                return 'F';
                                        }
                                i = i+1;
                        }
                 return 'T';
        }
char array::printtrue(int arr[], int size)
        {
                char test;
                test = true(arr,size);
                if(test == 'T')
                 {
                         cout << "\n\n ***TRUE***";
                 }
                else
                 if(test == 'F')
                        {
                                cout << "\n\n ***FALSE***";
                        }
        }
void array::printit(int arr[],int size)
        {
                int i=0;
                cout << "\n Are these values in ascending order: ";
                while(i < size)
                        {
                                cout << arr[i] << " ";
                                i=i++;
                        }
                getch();
        }
void main()
```

```
        {
                const int size=9;
                int arr[size];
                char test;
                array a;
    a.title();
                a.fillit(arr,size);
                a.printit(arr,size);
                test=a.true(arr,size);
                a.printtrue(arr,size);
        }
```

***** OUTPUT *****

Milos Topic 10/01/99

Problem #6

ASCENDING ORDER

Are these values in ascending order: 1 2 3 4 5 6 7 8 9

TRUE