```
//                              Milos Topic
//                              Computer Science II
//                              Date: 9/8/99
//                              CIS-112
//                              problem # 3
#include
#include
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class array1
        {
                public:
                        array1() {}
                        void fillit(int arr[],int size);
                        void printit(int arr[],int size);
                        void min(int arr[],int size);
                private:
        };
void array1::fillit(int arr[],int size)
        {
                ifstream infile("c:\\bc45\\bin\\pmshop\\cpp\\top.dat", ios::in);
                int i;
                i=0;
                cout << "Milos Topic\n\n";
                cout << " ***The position of the smallest value*** \n";
                while(i < size)
                        {
                                infile >> arr[i];
                                i=i++;
                        }
        }
void array1::min(int arr[],int size)
        {
                int hold=0;
                int i=0;
                int m;
                m=arr[0];
                while(i < size)
```

```
                {
                        if(arr[i] < m)
                         {
                                m=arr[i];
                                hold=i;
                         }
                        i=i+1;
                }
        cout << "\n\n The position of the smallest value is: " << hold;
}
void array1::printit(int arr[],int size)
{
        int i=0;
        cout << "\n The numbers are: ";
        while(i < size)
                {
                        cout << arr[i] << " ";
                        i=i++;
                }
        getch();
}
void main()
{
        const int size=5;
        int arr[5];
        array1 a;
        a.fillit(arr,size);
        a.printit(arr,size);
        a.min(arr,size);
}
```

***** OUTPUT *****

Milos Topic

The position of the smallest value

The numbers are: 90 23 -36 47 53

The position of the smallest value is: 2