Recursion Function template

```cpp
#include <iostream>

using namespace std;

template<class T>
T myfuntion(T a[],int n)
{
    T x;
    if(n == 1)
        return a[0];
    else
        x = myfuntion(a, n - 1);
    if(x > a[n - 1])
        return x;
    else
        return a[n - 1];
}
int main()
{
int arr1[] = {1,2,3,4,5};
double arr2[] = {1.1,1.2,1.3,1.4,1.5};
char arr3[] = {'A','B','C','D','E'};
cout<<myfuntion(arr1,5)<<endl;
cout<<myfuntion(arr2,4)<<endl;
cout<<myfuntion(arr3,1)<<endl;
return 0;
}
```