Addition of Two Complex Numbers:-

```c
#include <stdio.h>
#include <stdlib.h>
Struct complex
{
        Int real,img;
};
Struct complex input(struct complex x)
{
        Static int i=1;
        Printf("Enter the Real and Img part of %d number\n",i);
        Scanf("%d %d",&x.real,&x.img);
        I++;
        Return x;
}
Void add(struct complex x,struct complex y)
{
        Struct complex z;
        z.real=x.real+y.real;
        z.img=x.img+y.img;
        printf("The 1st number is %d+%di\n",x.real,x.img);
        printf("The 2nd number is %d+%di\n",y.real,y.img);
        printf("The sum of two numbers is %d+%di\n",z.real,z.img);
}

Int main()
{
        Struct complex x,y;
        X=input(x);
        Y=input(y);
        Add(x, y);
        Return 0;
}
```

Output:-

```
Enter the Real and Img part of 1 number
5 7
Enter the Real and Img part of 2 number
3 2
The 1st number is 5+7i
The 2nd number is 3+2i
The sum of two numbers is 8+9i
```

Finding Smallest Number in an array:-

```c
#include <stdio.h>
#include <stdlib.h>
int minimum(int *p, int n)
{
        int i,min;
        min=p[0];
        for(i=1;i<n;i++)
        {
                if(min>p[i])
                {
                        min=p[i];
                }
        }
        return min;
}
int main(void)
{
        int i,n,min,*arr;
        printf("Enter the Number of elements in the array\n");
        scanf("%d",&n);
        arr=(int*)malloc(n*sizeof(int));
        printf("Enter the digits in the array\n");
        for(i=0;i<n;i++)
        {
                scanf("%d",&arr[i]);
        }
        min=minimum(arr, n);
        printf("The smallest number in the array is %d",min);
        free(arr);
}
```

Output:-

```
Enter the Number of elements in the array
8
Enter the digits in the array
8 7 6 5 4 3 2 1
The smallest number in the array is 1
```