

## Steps to Create Multifile assembly

### First Method

#### Step-1

using System;

namespace Calc

```
{  
    public class Add  
    {  
        public static int Addition(int a,int b)  
        {  
            return a+b;  
        }  
    }  
}
```

csc /t:module add.cs

#### Step-2

using System;

namespace Calc

```
{  
    public class Sub  
    {  
        public static int Substraction(int a,int b)  
        {  
            return a-b;  
        }  
    }  
}
```

csc /t:module sub.cs

### Step-3

```
csc /t:library /out:calc.dll /addmodule:add.netmodule  
/addmodule:sub.netmodule
```

OR

```
al /t:library /out:calc.dll add.netmodule sub.netmodule
```

### Step-4

```
csc /r:calc.dll program.cs
```

### Second Method

#### Step-1

```
csc /t:module add.cs
```

#### Step-2

```
csc /out:calc.dll /t:library /addmodule:add.netmodule sub.cs
```

#### Step-3

```
csc /r:calc.dll program.cs
```