

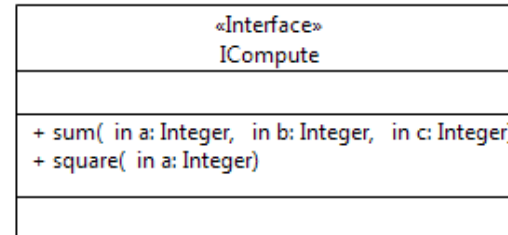
Code generation

Use template T

Generated code C

Template T

```
public def marshall(Operation op) {
    '''
    int size = 0;
    «FOR p:op.InOutParameters»
    {
        «p.type.cppType» varName_ASN = «p.name»;
        BEncAsnContent(&pBuffer, &varName_ASN);
        size += sizeof(«p.name»);
    }
    «ENDFOR»
    send(pBuffer, size);
    '''
}
```



public def marshall(Operation op) { Template T

```
'''
int size = 0;
«FOR p:op.InOutParameters»
{
    «p.type.cppType» varName_ASN = «p.name»;
    AnsiMarshall(&pBuffer, &varName_ASN);
    size += sizeof(«p.name»);
}
«ENDFOR»
send(pBuffer, size);
'''
}
```

Generated code C

```
/*non generated*/
int sum(int a, int b) {
    int size;
    {
        int varName = a;
        BEncAsnContent(&pBuffer, &varName);
        size += sizeof(a);
    }
    {
        int varName = b;
        BEncAsnContent(&pBuffer, &varName);
        size += sizeof(b);
    }
    size = size + 5;
    send(pBuffer, size);
}
```

(a)

(b)