

```

class B extends A {
    constructor(public b: number) { }
}

```

does not cause errors in the example, even though the call to the constructor from the 'create' function doesn't specify an argument (thus giving the value 'undefined' to 'b').

8.4.3 Member Accessor Declarations

A member accessor declaration declares an instance member accessor or a static member accessor.

MemberAccessorDeclaration:

```

PublicOrPrivateopt staticopt GetAccessor
PublicOrPrivateopt staticopt SetAccessor

```

Get and set accessors are processed in the same manner as in an object literal (section 4.5), except that a contextual type is never available in a member accessor declaration.

Accessors for the same member name must specify the same accessibility.

An instance member accessor declaration declares a property in the class instance type and defines a property on the prototype object of the class with a get or set accessor. In the body of an instance member accessor declaration, `this` is of the class instance type.

A static member accessor declaration declares a property in the constructor function type and defines a property on the constructor function object of the class with a get or set accessor. In the body of a static member accessor declaration, the type of `this` is the constructor function type.

Get and set accessors are emitted as calls to 'Object.defineProperty' in the generated JavaScript, as described in section 8.6.1.

8.5 Index Member Declarations

An index member declaration introduces an index signature (section 3.7.4) in the class instance type.

IndexMemberDeclaration:

```

IndexSignature ;

```

Index member declarations have no body and cannot specify an accessibility modifier.

A class declaration can have at most one string index member declaration and one numeric index member declaration. All instance property members of a class must satisfy the constraints implied by the index members of the class as specified in section 3.7.4.

It is not possible to declare index members for the static side of a class.