

## Debugged Program

```
// Corrected By Darnae Simmons
namespace CST117_IC08_console

5 references
class Program
{
    0 references
    static void Main(string[] args)
    {
        // Set A and B cannot be Found by the class. There is no data or proper reference.

        //Set A = new Set();
        //Set B = new Set();

        Program A = new Program();
        Program B = new Program();

        //put some stuff in the sets
        Random r = new Random();
        for (int i = 0; i < 10; i++)
        {
            // No definition is given and an accessible extension method is not provided
            // A.addElement(r.Next(4));
            // B.addElement(r.Next(12));

            A.addElement(r.Next(4));
            B.addElement(r.Next(12));

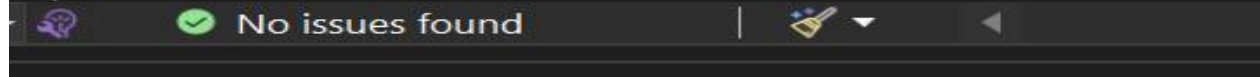
            // changes made to lines 65-68
        }

        //display each set and the union
        Console.WriteLine("A: " + A);
        Console.WriteLine("B: " + B);

        // union does not have a definition
        //Console.WriteLine("A union B: " + A.union(B));

        Console.WriteLine("A union B: " + A.union(B));
        //changes made to lines 60-63

        //display original sets (should be unchanged)
        Console.WriteLine("After union operation");
        Console.WriteLine("A: " + A);
        Console.WriteLine("B: " + B);
    }
    1 reference
    private string union(Program b)
    {
        throw new NotImplementedException();
    }
    2 references
    private void addElement(int v)
    {
        throw new NotImplementedException();
    }
}
```

 No issues found

## Break Point 1

```
CS0246 The type or namespace name 'Set' could not be found (are you missing a using directive or an assembly reference?)

lines 15 to 17
//make some sets
Set A = new Set();
HashSet A = new Set();
Set B = new Set();
```

### Break Point 2

```
CS1061 'Program' does not contain a definition for 'addElement' and no accessible extension method 'addElement' accepting a first argument of type 'Program' could be found (are you missing a using di...

Lines 37 to 38
    }

    private void addElement(int v)
    {
        throw new NotImplementedException();
    }
}

Preview changes
```

### Break Point 3

CS1061 'Program' does not contain a definition for 'union' and no accessible extension method 'union' accepting a first argument of type 'Program' could be found (are you missing a using directive or an assemb...

Lines 37 to 38

```
}
```

```
private string union(Program b)
{
    throw new NotImplementedException();
}
```

```
}
```

Preview changes

Solution Explorer