

Project 4- Revised and augmented sets, multisets

User Documentation

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NAME

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USAGE

```
./Proj4_Set  
./Proj4_MultiSet  
./Proj4_Class
```

SYNOPSIS

This program takes the set and multiset specifications and overloads a number of operators: `+/+=(union)`, `-/-=(subtraction)`, `=(deep copy)`, `*/*=(intersect)`, `^/^(difference)`, `==(equality)`, `<(proper subset)`, `<=(subset)`, `<<(stream out)` and `>>(stream in)`.

Templates are used to allow a set or multiset holds items of any type. Multiset has an integer associated with each item that indicates the number of that item in the multiset.

The base `MySet` class and a derived `MyMultiset` class from `mySet` were implemented.