

# Multiset and Multimap Exercises

- What is the main difference between
  - set and multiset
  - map and multimap?
- Give one feature of map which is not supported by multimap

- Write a program that creates a multiset and populates it with the values 6, 7, 4, 6, 6
- What output what you expect to see when the elements of the set are printed?
- Run your program and observe the output
- Replace the multiset by a set. What difference does this make?

- Write a program that creates a multimap, populates it with the following values and displays the elements of the multimap

`{"Graham", 78}`

`{"Grace", 66}`

`{"Graham", 66}`

`{"Graham", 72}`

`{"Hareesh", 77}`

- Add the following code to your program

```
scores.erase("Graham");
```

- What output what you expect to see when the elements of the multimap are printed?
- Run your program and observe the output
- Write the same program, but using a map instead of a multimap. What difference does this make?