# Practical 7  (due 2021-09-17 @ 09:00)

Create a template-based version of practical 6 called a `Cloud3D` which may contain elements of any type. Some changes are required

- Instead of the negation operator please make sure to support stream insertion (the first three elements of the stream must be the dimensions of the cloud followed by the elements to be stored).
- The `.h` and `.imp` style of file separation should be followed
- The main function must be updated to accommodate the changes to the class and to test the stream insertion operator.

| Mark sheet | |
|---|---:|
| Design | 5 |
| No-args constructor | 10 |
| Copy constructor | 10 |
| Parameterized constructor | 10 |
| Assignment operator | 10 |
| Destructor | 10 |
| Accessors | 5 |
| Function invocation operator | 10 |
| Stream insertion operator | 10 |
| Stream extraction operator | 10 |
| Use of .h and .imp files | 10 |
| Total | /100 |