

The code outlined below shows how a class named `Wrapper` implements its `Apply()` method by using an association with an object of a class `Inner`:

```
class Inner {
private:
    // private data
public:
    // other member functions
    void Apply();
};

class Wrapper {
private:
    // other private data
    Inner *inner;
public:
    // other member functions
    Wrapper(Inner *inner) {this->inner = inner;};
    void Apply() {inner->Apply();};
};
```

Write code outlines similar to the one given above to:

1. show how the `Wrapper` class could be redesigned to use aggregation (to implement its member function `Apply()` via `Inner`).
2. show how the `Wrapper` class could be redesigned to use inheritance (to implement its member function `Apply()` via `Inner`).

Submission Instructions: Submit your assignment electronically, as usual. Your solution must be typed either as a plain text file (e.g., Notepad) or in another format that can be opened, viewed, and edited in MS Word. Your file must begin with an identification paragraph of the form:

Name: Joe Bob Hokie
ID Number: 123-45-6789
Section Index: 1234

The name you give the file does not matter, since it will be renamed when you submit it.