(a) How should you use LimitedList to build Brain? Inheritance (if so, what type), composition, or other? Why?

~~private inheritance~~ → allows us to call find()/size() [which are protected]

public inheritance → BAD. exposes LimitedList functions to clients of Brain

Composition → ~~prod~~ Potentially ok, but would have to implement your own

(b) Give an implementation of the Brain class, by adding your code in the following piece of code. find & size

```
class Brain : private LimitedList
// relevant code here if you want
{
  public:
    Brain (int capacity) : LimitedList ( capacity )
    {



    }

    void remember (const string & fact) {
```

int loc = find(fact);
this → remove (loc)
this → insert (0, ~~to~~ fact);

```
    }

    void learn (const string & fact) {
```

this → remove (this → size() - 1);
this → insert (0, fact);

```
    }

  private:   // any data or methods you would like to add




};
```