

Chapter 16 programming

16.2:

```
public ArrayStack(int size)
{
    theArray = (AnyType []) new Object[size];
    topOfStack = -1;
}
```

```
public ArrayQueue(int size)
{
    theArray = (AnyType []) new Object[ size ];
    makeEmpty( );
}
```

16.3: bigOh time is constant and makes sense for both array and list push and pop methods

```
52100
473100
1172100
9010100
526700
173700
921200
9656100
```