

Solutions to Laboratory Exercise 1

ARRIES ⁶

⁶Note: you will need to construct a main class (excluded in the solution) in order to run the methods.

1. ⁷

⁷Q2(c) in the self-test.

```
double mark [] = new double [1000];
```

⁸Q2(d) in the self-test.

2. ⁸

```
void display (double [] marks) {  
    for (int i=0; i<1000; i++) {  
        System.out.println (marks[i]);  
    }  
}
```

⁹Q1(e) in the self-test.

3. ⁹

```
boolean Between10n50 (int [] A, int n) {  
    boolean OK = true;  
    for (int i=0; i<n; i++) {  
        if (A[i] < 10) then {  
            OK = false;  
            break;  
        }  
        else if (A[i] > 50) then {  
            OK = false;  
            break;  
        }  
    }  
    return OK;  
}
```