CPE 221 Classwork 14: Floating Point Operations ARM

Student Name (as in Canvas): _____

A Number: _____

Points: 10

1   ADD Two Floating Point Arrays

Write an ARMv7 Program to add two floating point arrays declared in the `.data` section of the ARM program.

```
.global _start
_start:

@ write your code below



done: B done

@ First array
ARRAY_A: .float 1.1, 2.34, 3.141, 4.567, 5.99
@ Second array
ARRAY_B: .float 0.9, 1.66, 2.859, 3.433, 4.01
@ Result array (5 elements × 4 bytes)
RESULT_ARRAY: .space 20
@ Number of elements
ARRAY_LEN: .word 5
```

Your Answer