2.4

```
sll $t0, $s0, 2        $t0 = f*4;
add $t0, $s6, $t0      $t0 = &A[f];
sll $t1, $s7, 2        $t1 = g*4;
add $t1, $s7, $t1      $t1 = &B[g];
lw  $s0, 0($t0)        f = A[f];
addi $t2, $t0, 4       $t2 = &A[f+1];
lw  $t0, 0($t2)        $t0 = A[f+1];
add $t0, $t0, $s0      $t0 = A[f+1] + A[f];
sw  $t0, 0($t1)        B[g] = A[f+1] + A[f];
```

2.5

```
B[g] = A[f+1] + A[f];
f = A[f];
```

2.6

```
temp = Array[0];
Array[0] = Array[4];
Array[4] = temp;      // Array[4] = 2
temp = Array[1];
Array[1] = Array[4];
Array[4] = temp;      // Array[4] = 4
temp = Array[3];
Array[3] = Array[4];
Array[4] = temp;      // Array[4] = 6
```