

1.

```
add    $t0, $t1, 100
```

2.

```
lw     $t0, 56($s1)
add    $t0, $t0, $t1
```

3.

```
lw     $t1, 1100($s1)
add    $t1, $t1, $t0
sw     $t1, 1100($s1)
```

4.

```
add    $s2, $s2, $s2
add    $s2, $s2, $s2
lw     $t0, 0($s2)
add    $t0, $t0, $t1
```

5.

```
lui    $t1, 0x003D
lw     $t2, 0x092C($t1)
add    $t2, $t2, $t0
sw     $t2, 0x0928($t1)
```

6.

a)

```
lw    $t1, 1400($s2)
add   $t1, $t1, $s1
sw    $t1, 1400($s2)
```

b)

lw	35	18	9	1400		
add	0	9	17	9	0	32
sw	43	18	9	1400		

c)

lw	100011	10010	01001	0000010101111000		
add	000000	01001	10001	01001	000000	100000
sw	101011	10010	01001	0000010101111000		

d)

lw	23	12	9	578		
add	0	9	11	9	0	20
sw	23	12	9	578		