Assignment 4

After executing the following commands, what value will register ... have?

1. *r4*

```
00 E59F0008 LDR r0, =0xF185
04 E59F1008 LDR r1, =0x8AC4
08 E0014000 AND r4, r1, r0
```

   1. 0x0000250B
   2. 0x00008084
   3. 0x00000856
   4. 0x00000006
   5. 0x00000008
   6. other

2. *r4*

```
00 E59F0008 LDR  r0, =0x7A48
04 E59F1008 LDR  r1, =0xA7A
08 E1914200 ORRS r4, r1, r0, LSL #4
```

   1. 0x00000003
   2. 0x000AF647
   3. 0x000982DA
   4. 0x00021A4C
   5. 0x0007AEFA
   6. other

3. *r2*

```
00 E3A02000 MOV  r2, #0x0
04 E3A010BE LDR  r1, =0xBE
08 E1B010A1 MOVS r1, r1, LSR #1
0c E2A22000 ADC  r2, r2, #0
10 E1B010A1 MOVS r1, r1, LSR #1
14 E2A22000 ADC  r2, r2, #0
```

   1. 0x00000001
   2. 0x00000019
   3. 0x00000014
   4. 0x00000007
   5. 0x00000005
   6. other

4. *r4*

```
00 E59F0008 LDR r0, =0x37D1
04 E59F1008 LDR r1, =0x56D4
08 E0214360 EOR r4, r1, r0, ROR #6
```

   1. 0x28F8DC40
   2. 0x00000004
   3. 0x4400560B
   4. 0x84CCB5C7
   5. 0x00000001
   6. other