| _   | 6      | 5  | 5  | 16        | Label1 -> | 0x0000 010C | Inst. H                          |
|---|--------|----|----|-----------|-----------|-------------|----------------------------------|
| L   | opcode | rs | rt | immediate |           | 0x0000 0108 | Inst. G                          |
| New branched address =  |        |    |    |           |           | 0x0000 0104 | Inst. F                          |
| PC + 4 + immediate << 2   |        |    |    |           |           | 0x0000 0100 | Inst. E = beq \$t1, \$t2, label1 |
| What machine code will be instruction E translated to? Note: the PC value when executing E is 0x0000 0100 |        |    |    |           |           | 0x0000 00FC | Inst. D                          |
|   |        |    |    |           |           | 0x0000 00F8 | Inst. C                          |
|   |        |    |    |           | 100       | 0x0000 00F4 | Inst. B                          |
|   |        |    |    |           |           | 0x0000 00F0 | Inst. A                          |