```
Homework 7
   add, Mux et, ALU, Regs X2 I-mem,
a
    70 + (20 kg) + 90 + 180 + 200 =
    70 + 30 + 90 + 180 + 200 =
         150 + 240 + 200 - 620 95
   I-men, and ALU, D-men, sign-extend, muxx4, rag x2
    200 + 70 + 90 + 250 + 15 + (ZDXH) = 904=
       270 + 90 + 265 + 80 + 180 =
                                    885 po =
 c Add, I mem, reg, ALU, sign-extend, D-mem, MUX x2 =
    70 + 700 + 90 + 90 + 15 + 250 + (20×7) =
       270 + 180 + 265 F 40 =
                                  755 P4
 d I men, Mux x 21, ALU, Sign-xtend, Shift << 2, Add x2, reg =
    200 + (20x2) + 90 + 15 + 10 + (10x2) + 90 =
       240 + 115 + 140 + 90
                               585 20 =
   I-man, Add, shift ex2, mux =
    200 + 70 + 10 + 20 =
       700 + 100
                      300 P5 =
```

15-0 2 6 00010100 C 00011-3-3-5 05010100 -> 20 d 00010 -> c2 -> 3 M

8

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** *** ***

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6

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d C

4 4 4

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Mark Saller