POOJA-K 8051 13MI9(SIL) Lab Program 15 Program to demo the elevator interface. Hindude stdio. hz #included night. h) unsigned char x data Command Word- at - 0xe803; einsigned char x data Port A\_ at\_0x e800; rensigned charxdataPort B at oxe801; Unsigned char xdataPresentFloor, Requested Floor, Step=0x/0; unsigned long x data (ount, i; Delaye). for (count =0; (ount <= 4500; (ount++); Pent() Steps Step & Oxof; PortA - Step; Step = Stepl 0x po; Port A = step; Chonb() witch (Requested floor) can oxed: while (type 0 x / 3)

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GoDown()

Switch (Requested Floor)

Case OxOd; while (Step > Oxf3)

Step --;

Port A = Step;

Delay();

Reset ();

break;
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Case Oxob: while (8tep>0xf6)

Step--:
Port A: Step:
Delay();

Reset();

break;

case Otoe; while (Strp> oxfo) {

Strp--;

Port A=Step;

Delay();

3

Resct();

break;

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3