### 

### Task B

.ORG 0x00

LDI R20, 4

LDI R21, 8

start:

DEC R20

DEC R21

BREQ end

OUT PORTA, R20

RJMP start

end:

RJMP end

## Task C

.ORG 0x00

LDI R16, 0x11

LDI R17, 0xAB

MULSU R16, R17

OUT PORTA, R0

OUT PORTB, R1

NOP

## Task E

.ORG 0x00

LDI R16, 0x05

LDI R17, 0x04

LDI R18, 0x03

LDI R19, 0x07

STS 0x200, R20

STS 0x201, R21

STS 0x300, R22

STS 0x301, R23

MOV R20, R16

MOV R21, R17

ADD R21, R19

ADC R20, R18

MOV R22, R16

MOV R23, R17

SUB R23, R19

SBC R22, R18

NOP