4.

Вычислить значение суммы: 

CODE SEGMENT

ASSUME CS:CODE

ORG 100H

Start:

MOV BX, 0

MOV CX,n

a1:

MOV AX,i

INC i

OR AX, j

SUB AX, 5

ADD BX, AX

LOOP a1

MOV AX, BX

i DW 1

j DW 5

n DW 10

CODE ENDS

END Start

ret

3.

1) CODE SEGMENT

ASSUME CS:CODE

ORG 100H

Start:

MOV AL, a

CMP AL, b

JA a>b

MOV BL, b

CMP BL, c

JA b>>

MOV DL, c

JMP END

a>b:

CMP AL, c

JA a>>

b>>:

MOV DL, b

JMP END

a>>:

MOV DL, a

END:

a DB 6

b DB 5

c DB 2

d DB ?

CODE ENDS

END Start

ret

2)

CODE SEGMENT

ASSUME CS:CODE

ORG 100H

Start:

MOV AX, a

MOV BX, b

MOV CX, c

CMP AX, b

JGE a>=b

CMP BX, c

JGE b>=c

CMP CX, a

JGE c>=a

JMP END

a>=b:

MOV BX, 4

IMUL BX

MOV BX, AX

MOV AX, b

IDIV c

ADD AX, BX

SUB AX, 6

JMP END

b>=c:

ADD AX, BX

IMUL CX

NEG AX

ADD AX, 6

JMP END

c>=a:

AX, b

ADD AX, 7

BX, 5

IMUL BX

NEG AX

MOV CX, AX

MOV AX, 3

MOV BX, a

IDIV BX

ADD AX, CX

END:

a DW 6

b DW 5

c DW 2

f DW ?

CODE ENDS

END Start

Ret

3)

CODE SEGMENT

ASSUME CS:CODE

ORG 100H

Start:

f1:

MOV AL, b

CMP AL, 100

JE end

DIV c

MOV BL,AL

MUL c

MOV BH,AL

MOV AL, b

SUB AL,BH

ADD AL,BL

INC b

CMP AL,k

JE f2

JMP f1

f2:

INC a

JMP f1

end:

MOV AL, a

a DB 0

b DB 10

c DB 10

k DB 18

CODE ENDS

END Start

ret