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| --- | --- |
| //addition  org 100h  MOV AH,1  INT 21h  MOV BL,AL  INT 21h  MOV BH,AL  ADD BL,BH  SUB BL,48  MOV AH,2  MOV DL,BL  INT 21h  ret | //subtraction  org 100h  MOV AH,1  INT 21h  MOV BL,AL  INT 21h  MOV BH,AL  SUB BL,BH  ADD BL,48  MOV AH,2  MOV DL,BL  INT 21h  ret |
| //multiplication  org 100h  .data  num1 DB ?  num2 DB ?  res Db ?  .code  MOV AX,@data  MOV DS,AX  MOV AH,1  INT 21h  SUB AL,30h  MOV num1,AL  MOV AH,1  INT 21h  SUB AL,30h  MOV num2,AL  MUL num1  MOV res,AL  ADD res,48  MOV AH,2  MOV DL,res  INT 21h  ret | //division  org 100h  .data  num1 DB ?  num2 DB ?  .code  main proc  mov ax,@data  mov ds,ax  mov ah,1  int 21h  sub al,'0'  mov num1,al  mov ah,1  int 21h  sub al,'0'  mov num2,al  mov al,0  mov ah,0  mov bl,num2  mov al,num1  div bl  add al,48  mov ah,2  mov dl,al  int 21h  ret |