

## BÀI THỰC HÀNH 2

- Viết chương trình nhập 1 số. Tính bình phương số đã nhập bằng tra bảng (XLAT) dạng : vd  $5 \times 5 = 25$
- Viết code trong Debug thực hiện các phép toán 1 ký số :  
 $a+b=c$ ;  $a-b=c$  ( $c > 0$  và  $c < 0$ );  $a*b=c$ ;  $a \setminus b=c$ ; du
- Viết code trong Debug thực hiện các phép toán 2 ký số :  
 $a+b=c$ ;  $a-b=c$  ( $c > 0$ )

Code tham khảo.

;Cong 2 so mov ah,1 int 21 mov bh,al mov ah,2 mov dl,2b int 21 mov ah,1 int 21 add al,bh mov ah,0 aaa mov bx,ax mov ah,2 mov dl,3d int 21 mov dl,bh or dl,30 int 21 mov dl,bl or dl,30 int 21 ;Tru 2 so, so nhap dau lon hon so nhap sau mov ah,1 int 21 mov bl,al	mov ah,2 mov dl,2d int 21 mov ah,1 int 21 mov bh,al mov al,bl sub al,bh mov ah,0 aas mov bx,ax mov ah,2 mov dl,3d int 21 mov dl,bh or dl,30 int 21 mov dl,bl or dl,30 int 21 ;tru 2 so mov ah,1 int 21 mov bl,al mov ah,2 mov dl,2d int 21 mov ah,1 int 21	mov bh,al mov al,bl sub al,bh mov ah,0 aas mov bx,ax mov ah,2 mov dl,3d int 21 cmp bh,ff jnz 136 mov dl,2d mov ah,2 int 21 mov bh,0a sub bh,bl mov bl,bh mov dl,bl or dl,30 int 21 ;nhan 2 so mov ah,1 int 21 and al,0f mov bl,al mov ah,2 mov dl,2a int 21	mov ah,1 int 21 and al,0f mul bl aam mov bx,ax mov ah,2 mov dl,3d int 21 mov dl,bh or dl,30 int 21 mov dl,bl or dl,30 int 21 ;chia 2 so mov ah,1 int 21 and al,0f mov bl,al mov ah,2 mov dl,5c int 21 mov ah,1 int 21 and al,0f mov bh,al mov al,bl mov ah,0
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aad	int 21	int 21	AND AL,0F
div bh	neg bh		MOV CL,04
mov bh,ah	mov dl,bh	;in so am trong	SHL AL,CL
aam	or dl,30	AL	MOV
mov bl,al	mov ah,2	mov bh,al	BL,AL
mov ah,2	int 21	mov bl,bh	MOV
mov dl,3d	int 20	and bl,80	AH,01
int 21		cmp bl,80	INT 21
mov dl,bl	;nhap 2 so	jnz 11a	AND AL,0F
or dl,30	Ascii chuyen	mov dl,2d	ADD
int 21	thanh BCD	mov ah,2	AL,BL
mov ah,2	nen	int 21	ADD
mov dl,3b	mov ah,1	neg bh	AL,BH
int 21	int 21	mov dl,bh	DAA
mov dl,bh	and al,0f	or dl,30	MOV
or dl,30	mov cl,4	mov ah,2	BL,AL
int 21	shl al,cl	int 21	MOV
int 20	mov bl,al		AH,02
	mov ah,1	;cong 2 ky so	MOV
;tru 2 so	int 21	MOV	DL,3D
mov ah,1	and al,0f	AH,01	INT 21
int 21	add al,bl	INT 21	MOV DL,00
and al,0f		AND AL,0F	ADC
mov bl,al	;in so nho	MOV CL,04	DL,DL
mov ah,2	mov dl,0	SHL AL,CL	CMP DL,0
mov dl,2d	adc dl,dl	MOV	JZ 14B
int 21	or dl,30	BL,AL	OR DL,30
mov ah,1	mov ah,2	MOV	MOV
int 21	int 21	AH,01	AH,02
and al,0f		INT 21	INT 21
mov bh,al	;in so BCD nen	AND AL,0F	MOV
mov al,bl	trong AL	ADD	DL,BL
sub al,bh	mov bl,al	AL,BL	MOV CL,04
mov bh,al	mov dl,bl	MOV	SHR DL,CL
mov ah,2	mov cl,4	BH,AL	OR DL,30
mov dl,3d	shr dl,cl	MOV	MOV
int 21	or dl,30	AH,02	AH,02
mov bl,bh	mov ah,2	MOV	INT 21
and bl,80	int 21	DL,2B	MOV
cmp bl,80	mov dl,bl	INT 21	DL,BL
jnz 134	and dl,0f	MOV	AND DL,0F
mov dl,2d	or dl,30	AH,01	OR DL,30
mov ah,2	mov ah,2	INT 21	

MOV AH,02 INT 21 INT 20	ADD AL,BL MOV BH,AL MOV AH,02 MOV DL,2D INT 21 MOV AH,01 INT 21 MOV AH,0F MOV CL,04 SHL AL,CL MOV BL,AL MOV AH,01 INT 21 AND AL,0F	AND AL,0F ADD AL,BL SUB BH,AL MOV AL,BH DAS MOV BL,AL MOV AH,02 MOV DL,3D INT 21 MOV DL,00 ADC DL,DL CMP DL,0 JZ 14B OR DL,30	MOV AH,02 INT 21 MOV DL,BL MOV CL,04 SHR DL,CL OR DL,30 MOV AH,02 INT 21 MOV DL,BL AND DL,0F OR DL,30 MOV AH,02 INT 21 INT 20
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;tru 2 ky so, so  
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