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**SAP 56108**

**COAL LAB 07**

**TASK 3:**

.model small

.stack 100h

.data

.code

main proc

mov ah,1

int 21h

sub al,48

mov bl,al

mov ah,1

int 21h

sub al,48

mov al,6

mov bl,2

MUL bl

AAM

mov ch,ah

mov cl,al

mov dl,ch

add dx,48

mov ah,2

int 21h

mov dl,cl

add dx,48

mov ah,2

int 21h

mov ah, 4ch

int 21h

main endp

end main

**TASK 1:**

.model small

.stack 100h

.data

.code

main proc

mov ah,1

int 21h

sub al,48

mov bl,al

MUL bl

AAM

mov ch,ah

mov cl,al

mov dl,ch

add dx,48

mov ah,2

int 21h

mov dl,cl

add dx,48

mov ah,2

int 21h

mov ah, 4ch

int 21h

main endp

end main

**Task 2:**

.model small

.stack 100h

.data

.code

main proc

mov ah,1

int 21h

sub al,48

mov bl,al

MUL bl

MUL bl

AAM

mov ch,ah

mov cl,al

mov dl,ch

add dx,48

mov ah,2

int 21h

mov dl,cl

add dx,48

mov ah,2

int 21h

mov ah, 4ch

int 21h

main endp

end main

**TASK 4:**

.model small

.stack 100h

.data

.code

main proc

mov ah,1

int 21h

sub al,48

mov bl,al

mov ah,1

int 21h

sub al,48

mov bl,al

MUL bl

mov cl,2

div cl

AAM

mov ch,ah

mov cl,al

mov dl,ch

add dx,48

mov ah,2

int 21h

mov dl,cl

add dx,48

mov ah,2

int 21h

mov ah, 4ch

int 21h

main endp

end main