Họ và tên: Nguyễn Nhật Trường MSSV: 2111903

1 & 2)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao 1 day nhi phan: $'

MSG2 DB 10,13, 'Day nhi phan vua nhap la: $'

.CODE

; LAY DU LIEU TU DATA VAO DS

MOV AX, @DATA

MOV DS, AX

NHAP\_NP:

LEA DX, MSG1

CALL XUAT\_CHUOI

CALL NHAP\_NHI\_PHAN

CMP DX, 0

JE NHAP\_NP

LEA DX, MSG2

CALL XUAT\_CHUOI

CALL XUAT\_NHI\_PHAN

CALL THOAT\_CHUONG\_TRINH

; KHAI BAO THU TUC

XUAT\_CHUOI PROC

PUSH AX

MOV AH, 9

INT 21h

POP AX

RET

XUAT\_CHUOI ENDP

NHAP\_NHI\_PHAN PROC

PUSH AX

PUSH CX

MOV DX, 1

XOR BX, BX

XOR CX, CX

INPUT:

MOV AH, 1

INT 21h

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JE XULY

CMP AL, '1'

JE XULY

MOV DX, 0

JMP BREAK

XULY:

AND AL, 0Fh

SHL BX, 1

OR BL, AL

INC CX

CMP CX, 16

JB INPUT

BREAK:

POP CX

POP AX

RET

NHAP\_NHI\_PHAN ENDP

XUAT\_NHI\_PHAN PROC

PUSH AX

PUSH CX

PUSH DX

MOV CX, 16

MOV AH, 2

PRINT:

MOV DL, '0'

ROL BX, 1

JNC PRINT\_ZERO:

MOV DL, '1'

PRINT\_ZERO:

INT 21h

LOOP PRINT

POP DX

POP CX

POP AX

RET

XUAT\_NHI\_PHAN ENDP

THOAT\_CHUONG\_TRINH PROC

; THOAT CHUONG TRINH

MOV AH, 4Ch

INT 21h

RET

THOAT\_CHUONG\_TRINH ENDP

END

3 & 4)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao 1 day thap luc phan: $'

MSG2 DB 10,13, 'Day thap luc phan vua nhap la: $'

.CODE

; LAY DU LIEU TU DATA VAO DS

MOV AX, @DATA

MOV DS, AX

NHAP\_16:

LEA DX, MSG1

CALL XUAT\_CHUOI

CALL NHAP\_HEXA

CMP DX, 0

JE NHAP\_16

LEA DX, MSG2

CALL XUAT\_CHUOI

CALL XUAT\_HEXA

CALL THOAT\_CHUONG\_TRINH

; KHAI BAO THU TUC

XUAT\_CHUOI PROC

PUSH AX

MOV AH, 9

INT 21h

POP AX

RET

XUAT\_CHUOI ENDP

NHAP\_HEXA PROC

PUSH AX

PUSH CX

XOR BX, BX

XOR CX, CX

MOV DX, 1

INPUT:

MOV AH, 1

INT 21h

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JBE XULY\_SO

CMP AL, 'A'

JB XULY\_LOI

CMP AL, 'F'

JBE XULY\_CHU

XULY\_LOI:

MOV DX, 0

XOR BX, BX

JMP BREAK

XULY\_SO:

AND AL, 0Fh

JMP XULY

XULY\_CHU:

SUB AL, 37h

XULY:

SHL BX, 4

OR BL, AL

INC CX

CMP CX, 4

JB INPUT

BREAK:

POP CX

POP AX

RET

NHAP\_HEXA ENDP

XUAT\_HEXA PROC

PUSH AX

PUSH CX

PUSH DX

MOV CX, 4

PRINT:

MOV DL, BH

SHR DL, 4

CMP DL, 9

JBE XUAT\_SO

JA XUAT\_CHU

XUAT\_SO:

MOV AH, 2

OR DL, 30h

INT 21h

JMP CONTINUE

XUAT\_CHU:

MOV AH, 2

ADD DL, 37h

INT 21h

CONTINUE:

ROL BX, 4

LOOP PRINT

POP DX

POP CX

POP AX

RET

XUAT\_HEXA ENDP

THOAT\_CHUONG\_TRINH PROC

; THOAT CHUONG TRINH

MOV AH, 4Ch

INT 21h

RET

THOAT\_CHUONG\_TRINH ENDP

END

5 & 6)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao 1 so thap phan: $'

MSG2 DB 10,13, 'So thap phan vua nhap la: $'

.CODE

MOV AX, @DATA

MOV DS, AX

NHAP\_10:

LEA DX, MSG1

CALL XUAT\_CHUOI

CALL NHAP\_THAP\_PHAN

CMP DX, 0

JE NHAP\_10

LEA DX, MSG2

CALL XUAT\_CHUOI

MOV AX, BX

CALL XUAT\_THAP\_PHAN

MOV AH, 4Ch

INT 21h

; KHAI BAO THU TUC

XUAT\_CHUOI PROC

PUSH AX

MOV AH, 9

INT 21h

POP AX

RET

XUAT\_CHUOI ENDP

NHAP\_THAP\_PHAN PROC

PUSH AX

PUSH CX

PUSH SI

XOR BX, BX

INPUT:

MOV AH, 1

INT 21h

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JA XULY\_LOI

AND AL, 0Fh

MOV CL, AL

XOR CH, CH

MOV AX, BX

MOV SI, 10

MUL SI

MOV BX, AX

ADD BX, CX

JMP INPUT

XULY\_LOI:

XOR BX, BX

MOV DX, 0

JMP EXIT

BREAK:

MOV DX, 1

EXIT:

POP SI

POP CX

POP AX

RET

NHAP\_THAP\_PHAN ENDP

XUAT\_THAP\_PHAN PROC

PUSH AX

PUSH BX

PUSH CX

PUSH DX

MOV BX, 10

XOR CX, CX

XULY\_STACK:

XOR DX, DX

DIV BX

PUSH DX

INC CX

CMP AX, 0

JA XULY\_STACK

PRINT:

POP DX

OR DX, 30h

MOV AH, 2

INT 21h

LOOP PRINT

POP DX

POP CX

POP BX

POP AX

RET

XUAT\_THAP\_PHAN ENDP

END

7 & 8)

.MODEL SMALL

.STACK 100h

.DATA

END1 DB 10,13,10, 'Bam 1 phim bat ki de thoat chuong trinh ...$'

MSG1 DB 10,13, '=== THONG TIN NGAY GIO CUA HE THONG === $'

MSG\_THU DB 10,13, 'Hom nay la: $'

MSG\_NGAY DB 10,13, '- Ngay: $'

MSG\_THANG DB 10,13, '- Thang: $'

MSG\_NAM DB 10,13, '- Nam: $'

MSG\_GIO DB 10,13, '- Gio: $'

MSG\_PHUT DB 10,13, '- Phut: $'

MSG\_GIAY DB 10,13, '- Giay: $'

THU\_HAI DB 'thu Hai$'

THU\_BA DB 'thu Ba$'

THU\_TU DB 'thu Tu$'

THU\_NAM DB 'thu Nam$'

THU\_SAU DB 'thu Sau$'

THU\_BAY DB 'thu Bay$'

CHUNHAT DB 'Chu Nhat$'

NGAY DB ?

THANG DB ?

NAM DW ?

THU DB ?

GIO DB ?

PHUT DB ?

GIAY DB ?

.CODE

; KHOI TAO CHUONG TRINH

CALL KHOI\_TAO\_CHUONG\_TRINH

; LAY NGAY/ THANG/ NAM CUA HE THONG

MOV AH, 2Ah

INT 21h

MOV NGAY, DL

MOV THANG, DH

MOV NAM, CX

MOV THU, AL

; Xuat thong bao ngay thang nam he thong

MOV DX, OFFSET MSG1

CALL XUAT\_CHUOI

; Xuat thong bao thu ngay

MOV DX, OFFSET MSG\_THU

CALL XUAT\_CHUOI

MOV BL, THU

CALL PRINT\_DAY\_OF\_WEEK

; Xuat thong bao ngay

MOV DX, OFFSET MSG\_NGAY

CALL XUAT\_CHUOI

XOR AH, AH

MOV AL, NGAY ; AX = AH | AL

CALL XUAT\_THAP\_PHAN

; Xuat thong bao thang

MOV DX, OFFSET MSG\_THANG

CALL XUAT\_CHUOI

XOR AH, AH

MOV AL, THANG

CALL XUAT\_THAP\_PHAN

; Xuat thong bao nam

MOV DX, OFFSET MSG\_NAM

CALL XUAT\_CHUOI

MOV AX, NAM

CALL XUAT\_THAP\_PHAN

; LAY GIO/ PHUT/ GIAY CUA HE THONG

MOV AH, 2Ch

INT 21h

MOV GIO, CH

MOV PHUT, CL

MOV GIAY, DH

; Xuat thong bao gio cua he thong

MOV DX, OFFSET MSG\_GIO

CALL XUAT\_CHUOI

XOR AH, AH

MOV AL, GIO

CALL XUAT\_THAP\_PHAN

; Xuat thong bao phut cua he thong

MOV DX, OFFSET MSG\_PHUT

CALL XUAT\_CHUOI

XOR AH, AH

MOV AL, PHUT

CALL XUAT\_THAP\_PHAN

; Xuat thong bao giay cua he thong

MOV DX, OFFSET MSG\_GIAY

CALL XUAT\_CHUOI

XOR AH, AH

MOV AL, GIAY

CALL XUAT\_THAP\_PHAN

; Thoat chuong trinh

CALL THOAT\_CHUONG\_TRINH

XUAT\_CHUOI PROC

MOV AH, 9

INT 21h

RET

XUAT\_CHUOI ENDP

; THU TUC KHOI TAO CHUONG TRINH

KHOI\_TAO\_CHUONG\_TRINH PROC

MOV AX, @DATA

MOV DS, AX

XOR AX, AX

XOR BX, BX

XOR CX, CX

XOR DX, DX

RET

KHOI\_TAO\_CHUONG\_TRINH ENDP

; THU TUC XUAT 1 SO THAP PHAN

; - AX: So thap phan can xuat

XUAT\_THAP\_PHAN PROC

MOV BX, 10

XOR CX, CX

XULY\_STACK:

XOR DX, DX

DIV BX

PUSH DX

INC CX

CMP AX, 0

JA XULY\_STACK

PRINT:

POP DX

OR DX, 30h

MOV AH, 2

INT 21h

LOOP PRINT

RET

XUAT\_THAP\_PHAN ENDP

; THU TUC XUAT THU NGAY

; - BL: 1 so nguyen (00: CN, 01 thu Hai, 02 thu Ba...>

PRINT\_DAY\_OF\_WEEK PROC

CMP BL, 0

JE CN

CMP BL, 1

JE T2

CMP BL, 2

JE T3

CMP BL, 3

JE T4

CMP BL, 4

JE T5

CMP BL, 5

JE T6

CMP BL, 6

JE T7

CN:

MOV DX, OFFSET CHUNHAT

CALL XUAT\_CHUOI

JMP EXIT

T2:

MOV DX, OFFSET THU\_HAI

CALL XUAT\_CHUOI

JMP EXIT

T3:

MOV DX, OFFSET THU\_BA

CALL XUAT\_CHUOI

JMP EXIT

T4:

MOV DX, OFFSET THU\_TU

CALL XUAT\_CHUOI

JMP EXIT

T5:

MOV DX, OFFSET THU\_NAM

CALL XUAT\_CHUOI

JMP EXIT

T6:

MOV DX, OFFSET THU\_SAU

CALL XUAT\_CHUOI

JMP EXIT

T7:

MOV DX, OFFSET THU\_BAY

CALL XUAT\_CHUOI

JMP EXIT

EXIT:

RET

PRINT\_DAY\_OF\_WEEK ENDP

; THU TUC DUNG VA THOAT CHUONG TRINH

THOAT\_CHUONG\_TRINH PROC

MOV AH, 9

LEA DX, END1

INT 21h

MOV AH, 7

INT 21h

MOV AH, 4Ch

INT 21h

RET

THOAT\_CHUONG\_TRINH ENDP

END

9)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao 1 day thap luc phan: $'

MSG2 DB 10,13, 'Ki tu dau tien trong day hexa: $'

ERR1 DB 10,13, 'Nhap sai! Nhap lai toan bo di, ahihi$'

ERR2 DB 10,13, 'Da du 4 gia tri hexa!$'

.CODE

; LAY DU LIEU TU DATA VAO DS

MOV AX, @DATA

MOV DS, AX

RESET:

; Hien thi thong bao nhap chuoi hexa

MOV AH, 9

LEA DX, MSG1

INT 21h

; Khoi tao gia tri

XOR BX, BX

XOR CX, CX

INPUT:

MOV AH, 1

INT 21h

; Kiem tra ENTER, Hien thi day hexa

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JBE XULY\_SO

CMP AL, 'A'

JB XULY\_LOI

CMP AL, 'F'

JBE XULY\_CHU

XULY\_LOI:

MOV AH, 9

LEA DX, ERR1

INT 21h

JMP RESET

XULY\_SO:

AND AL, 0Fh

JMP LUU

XULY\_CHU:

SUB AL, 37h

LUU:

SHL BX, 4

OR BL, AL

INC CX

; Kiem tra CX va thoat chuong trinh

CMP CX, 4

JB INPUT

; Xuat thong bao da nhap du 4 ki tu

MOV AH, 9

LEA DX, ERR2

INT 21h

BREAK:

; Xuat thong bao ket qua

MOV AH, 9

LEA DX, MSG2

INT 21h

MOV CX, 4

MOV DL, BH

SHR DL, 4

CMP DL, 9

JBE XUAT\_SO

JA XUAT\_CHU

XUAT\_SO:

MOV AH, 2

OR DL, 30h

INT 21h

JMP EXIT

XUAT\_CHU:

MOV AH, 2

ADD DL, 37h

INT 21h

EXIT:

; THOAT CHUONG TRINH

MOV AH, 4Ch

INT 21h

END

10)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap chieu dai: $'

MSG2 DB 10,13, 'Nhap chieu rong: $'

MSG3 DB 10,13, 'Dien tich: $'

MSG4 DB 10,13, 'Chu vi: $'

DAI DW ?

RONG DW ?

.CODE

MOV AX, @DATA

MOV DS, AX

; Nhap chieu dai

NHAP\_DAI:

LEA DX, MSG1

CALL XUAT\_CHUOI

CALL NHAP\_THAP\_PHAN

CMP DX, 0

JE NHAP\_DAI

MOV DAI, BX

; Nhap chieu rong

NHAP\_RONG:

LEA DX, MSG2

CALL XUAT\_CHUOI

CALL NHAP\_THAP\_PHAN

CMP DX, 0

JE NHAP\_RONG

MOV RONG, BX

; Gan gia tri vao BX, CX

MOV BX, DAI

MOV CX, RONG

; Xuat dien tich

LEA DX, MSG3

CALL XUAT\_CHUOI

CALL TINH\_DIEN\_TICH

CALL XUAT\_THAP\_PHAN

; Xuat chu vi

LEA DX, MSG4

CALL XUAT\_CHUOI

CALL TINH\_CHU\_VI

CALL XUAT\_THAP\_PHAN

MOV AH, 4Ch

INT 21h

; Khai bao thu tuc

XUAT\_CHUOI PROC

MOV AH, 9

INT 21h

RET

XUAT\_CHUOI ENDP

NHAP\_THAP\_PHAN PROC

PUSH AX

PUSH CX

PUSH SI

XOR BX, BX

INPUT:

MOV AH, 1

INT 21h

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JA XULY\_LOI

AND AL, 0Fh

MOV CL, AL

XOR CH, CH

MOV AX, BX

MOV SI, 10

MUL SI

MOV BX, AX

ADD BX, CX

JMP INPUT

XULY\_LOI:

XOR BX, BX

MOV DX, 0

JMP EXIT

BREAK:

MOV DX, 1

EXIT:

POP SI

POP CX

POP AX

RET

NHAP\_THAP\_PHAN ENDP

XUAT\_THAP\_PHAN PROC

PUSH AX

PUSH BX

PUSH CX

PUSH DX

MOV BX, 10

XOR CX, CX

XULY\_STACK:

XOR DX, DX

DIV BX

PUSH DX

INC CX

CMP AX, 0

JA XULY\_STACK

PRINT:

POP DX

OR DX, 30h

MOV AH, 2

INT 21h

LOOP PRINT

POP DX

POP CX

POP BX

POP AX

RET

XUAT\_THAP\_PHAN ENDP

; Input:

; - BX: Chieu dai

; - CX: Chieu rong

; Output:

; - AX: Dien tich

TINH\_DIEN\_TICH PROC

MOV AX, BX

MUL CX

RET

TINH\_DIEN\_TICH ENDP

; Input:

; - BX: Chieu dai

; - CX: Chieu rong

; Output:

; - AX: Chu vi

TINH\_CHU\_VI PROC

PUSH BX

ADD BX, CX

MOV AX, 2

MUL BX

POP BX

RET

TINH\_CHU\_VI ENDP

END

11)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao so thu nhat: $'

MSG2 DB 10,13, 'Nhap vao so thu hai : $'

RES1 DB 10,13, 'Ket qua cua phep chia: $'

RES2 DB 10,13, 'Phan thuong: $'

RES3 DB 10,13, 'Phan du: $'

NUM1 DW ?

NUM2 DW ?

.CODE

; KHOI TAO CHUONG TRINH

CALL KHOI\_TAO\_CHUONG\_TRINH

; Xuat thong bao nhap so thu nhat

MOV DX, OFFSET MSG1

CALL XUAT\_CHUOI

; Nhap so thu nhat

CALL NHAP\_THAP\_PHAN

MOV NUM1, BX

; Xuat thong bao nhap so thu hai

MOV DX, OFFSET MSG2

CALL XUAT\_CHUOI

; Nhap so thu hai

CALL NHAP\_THAP\_PHAN

MOV NUM2, BX

; Xuat thong bao ket qua

MOV DX, OFFSET RES1

CALL XUAT\_CHUOI

MOV AX, NUM1

CALL XUAT\_THAP\_PHAN

MOV AH, 2

MOV DL, '/'

INT 21h

MOV AX, NUM2

CALL XUAT\_THAP\_PHAN

; Chia 2 so

XOR DX, DX

MOV AX, NUM1

MOV CX, NUM2

DIV CX

MOV BX, AX ; Phan thuong luu tren BX

MOV CX, DX ; Phan du luu tren CX

; Xuat ket qua phan thuong voi phan du

MOV DX, OFFSET RES2

CALL XUAT\_CHUOI

MOV AX, BX

CALL XUAT\_THAP\_PHAN

MOV DX, OFFSET RES3

CALL XUAT\_CHUOI

MOV AX, CX

CALL XUAT\_THAP\_PHAN

; Thoat chuong trinh

CALL THOAT\_CHUONG\_TRINH

XUAT\_CHUOI PROC

PUSH AX

PUSH DX

MOV AH, 9

INT 21h

POP DX

POP AX

RET

XUAT\_CHUOI ENDP

; THU TUC KHOI TAO CHUONG TRINH

KHOI\_TAO\_CHUONG\_TRINH PROC

MOV AX, @DATA

MOV DS, AX

XOR AX, AX

XOR BX, BX

XOR CX, CX

XOR DX, DX

RET

KHOI\_TAO\_CHUONG\_TRINH ENDP

NHAP\_THAP\_PHAN PROC

PUSH AX

PUSH CX

PUSH DX

XOR BX, BX

INPUT:

MOV AH, 7

INT 21h

CMP AL, 0Dh

JE EXIT1

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JA XULY\_LOI

MOV CL, AL

MOV AH, 2

MOV DL, CL

INT 21h

AND CL, 0Fh

MOV AX, BX

MOV DX, 10

MUL DX

MOV BX, AX

XOR CH, CH

ADD BX, CX

XULY\_LOI:

JMP INPUT

EXIT1:

POP DX

POP CX

POP AX

RET

NHAP\_THAP\_PHAN ENDP

; THU TUC XUAT 1 SO THAP PHAN

XUAT\_THAP\_PHAN PROC

PUSH AX

PUSH BX

PUSH CX

PUSH DX

MOV BX, 10

XOR CX, CX

XULY\_STACK:

XOR DX, DX

DIV BX

PUSH DX

INC CX

CMP AX, 0

JA XULY\_STACK

PRINT:

POP DX

OR DX, 30h

MOV AH, 2

INT 21h

LOOP PRINT

POP DX

POP CX

POP BX

POP AX

RET

XUAT\_THAP\_PHAN ENDP

; THU TUC DUNG VA THOAT CHUONG TRINH

THOAT\_CHUONG\_TRINH PROC

MOV AH, 4Ch

INT 21h

RET

THOAT\_CHUONG\_TRINH ENDP

END

12)

.MODEL SMALL

.STACK 100h

.DATA

MSG1 DB 10,13, 'Nhap vao so thu nhat: $'

MSG2 DB 10,13, 'Nhap vao so thu hai : $'

RES1 DB 10,13, 'Tong: $'

RES2 DB 10,13, 'Hieu: $'

RES3 DB 10,13, 'Tich: $'

RES4 DB 10,13, 'Thuong: $'

NUM1 DW ?

NUM2 DW ?

.CODE

MOV AX, @DATA

MOV DS, AX

; Nhap so thu nhat

INPUT\_1:

MOV DX, OFFSET MSG1

CALL XUAT\_CHUOI

CALL NHAP\_THAP\_PHAN

CMP DX, 0

JE INPUT\_1

MOV NUM1, BX

; Nhap so thu hai

INPUT\_2:

MOV DX, OFFSET MSG2

CALL XUAT\_CHUOI

CALL NHAP\_THAP\_PHAN

CMP DX, 0

JE INPUT\_2

MOV NUM2, BX

; Xuat tong

MOV DX, OFFSET RES1

CALL XUAT\_CHUOI

MOV AX, NUM1

MOV BX, NUM2

ADD AX, BX

CALL XUAT\_THAP\_PHAN

; Xuat hieu

MOV DX, OFFSET RES2

CALL XUAT\_CHUOI

MOV AX, NUM1

MOV BX, NUM2

SUB AX, BX

MOV CX, AX

JS XUAT\_AM

JMP XUAT\_KQ

XUAT\_AM:

MOV AH, 2

MOV DL, '-'

INT 21h

NEG CX

MOV AX, CX

XUAT\_KQ:

CALL XUAT\_THAP\_PHAN

; Xuat tich

MOV DX, OFFSET RES3

CALL XUAT\_CHUOI

MOV AX, NUM1

MOV BX, NUM2

MUL BX

CALL XUAT\_THAP\_PHAN

; Xuat thuong

MOV DX, OFFSET RES4

CALL XUAT\_CHUOI

XOR DX, DX

MOV AX, NUM1

MOV BX, NUM2

DIV BX

CALL XUAT\_THAP\_PHAN

MOV AH, 4Ch

INT 21h

XUAT\_CHUOI PROC

PUSH AX

MOV AH, 9

INT 21h

POP AX

RET

XUAT\_CHUOI ENDP

NHAP\_THAP\_PHAN PROC

PUSH AX

PUSH CX

PUSH SI

XOR BX, BX

INPUT:

MOV AH, 1

INT 21h

CMP AL, 0Dh

JE BREAK

CMP AL, '0'

JB XULY\_LOI

CMP AL, '9'

JA XULY\_LOI

AND AL, 0Fh

MOV CL, AL

XOR CH, CH

MOV AX, BX

MOV SI, 10

MUL SI

MOV BX, AX

ADD BX, CX

JMP INPUT

XULY\_LOI:

XOR BX, BX

MOV DX, 0

JMP EXIT

BREAK:

MOV DX, 1

EXIT:

POP SI

POP CX

POP AX

RET

NHAP\_THAP\_PHAN ENDP

XUAT\_THAP\_PHAN PROC

PUSH AX

PUSH BX

PUSH CX

PUSH DX

MOV BX, 10

XOR CX, CX

XULY\_STACK:

XOR DX, DX

DIV BX

PUSH DX

INC CX

CMP AX, 0

JA XULY\_STACK

PRINT:

POP DX

OR DX, 30h

MOV AH, 2

INT 21h

LOOP PRINT

POP DX

POP CX

POP BX

POP AX

RET

XUAT\_THAP\_PHAN ENDP

END