# **Qno. 4**

.model small

.stack 100h

.data

.code

main proc

mov ah,02h

mov dx,48

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,49

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,50

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,51

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,52

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,53

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,54

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,55

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,56

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,57

int 21h

mov ah,4ch

int 21h

main endp

end main

# **Qno. 5**

.model small

.stack 100h

.data

.code

main proc

mov ah,02h

mov dx,82d

int 21h

mov ax,4ch

int 21h

main endp

end main

# **Qno.6**

.model small

.stack 100h

.data

.code

main proc

mov ah,02h

mov dx,52h;R

int 21h

mov dx,41h;A

int 21h

mov dx,46h;F

int 21h

mov dx,46h;F

int 21h

mov dx,45h;E

int 21h

mov dx,59h;Y

int 21h

mov ah,4ch

int 21h

main endp

end main

# **Qno. 7**

.model small

.stack 100h

.data

.code

main proc

mov ah,02h

mov dx,52h;R

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,41h;A

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,46h;F

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,46h;F

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,45h;E

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,59h;Y

int 21h

mov ah,4ch

int 21h

main endp

end main

# **Qno. 8**

.model small

.stack 100h

.data

.code

main proc

mov ax,'R'

mov bx,'A'

XCHG ax,bx

mov ah,4ch

int 21h

main endp

end main

# **Qno. 9**

.model small

.stack 100h

.data

.code

main proc

mov ah,02h

mov dx,52h;R

int 21h

mov dx,10

int 21h

mov dx,41h;A

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,46h;F

int 21h

mov dx,10

int 21h

mov dx,46h;F

int 21h

mov dx,10

int 21h

mov dx,13

int 21h

mov dx,45h;E

int 21h

mov dx,10

int 21h

mov dx,59h;Y

int 21h

mov dx,13

int 21h

mov ah,4ch

int 21h

main endp

end main