RIPHAH INTERNATIONAL UNIVERSITY

COAL LAB

Practie Questions

NAME: AREEBA NADEEM
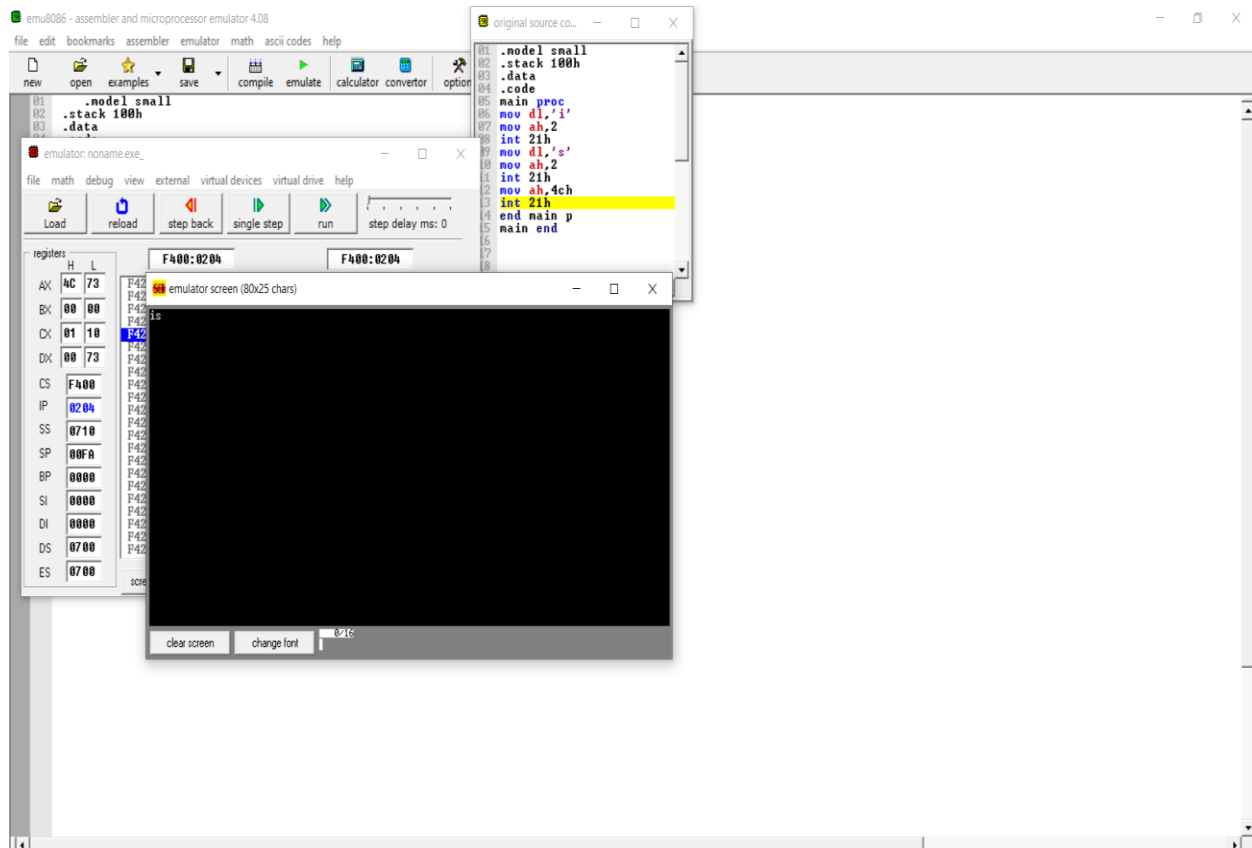
SAP ID: 57027

TASK 1:

Print is?

CODE:

```
  .model small
 .stack 100h
 .data
 .code
 main proc
 mov dl,'i'
 mov ah,2
 int 21h
 mov dl,'s'
 mov ah,2
 int 21h
 mov ah,4ch
 int 21h
 end main p
 main end
```

Task 2 :

Write a program to print your name on screen?

CODE:

```
.model small
.stack 100h
.data
.code
main proc
mov dl,'A'
mov ah,2
int 21h
mov dl, 'r'
mov ah,2
int 21h
mov dl, 'e'
mov ah,2
int 21h
mov dl, 'e'
mov ah,2
int 21h
mov dl, 'b'
mov ah,2
int 21h
mov dl,'a'
mov ah,2
int 21h
mov dl,32
mov ah,2
int 21h
  mov dl, 'N'
mov ah,2
int 21h
mov dl, 'a'
mov ah,2
```

```
int 21h
mov dl,'d'
mov ah,2
int 21h
mov dl,'e'
mov ah,2
int 21h
mov dl,'e'
mov ah,2
int 21h
mov dl,'m'
mov ah,2
int 21h
mov ah,4ch
int 21h

main endp
end main
```
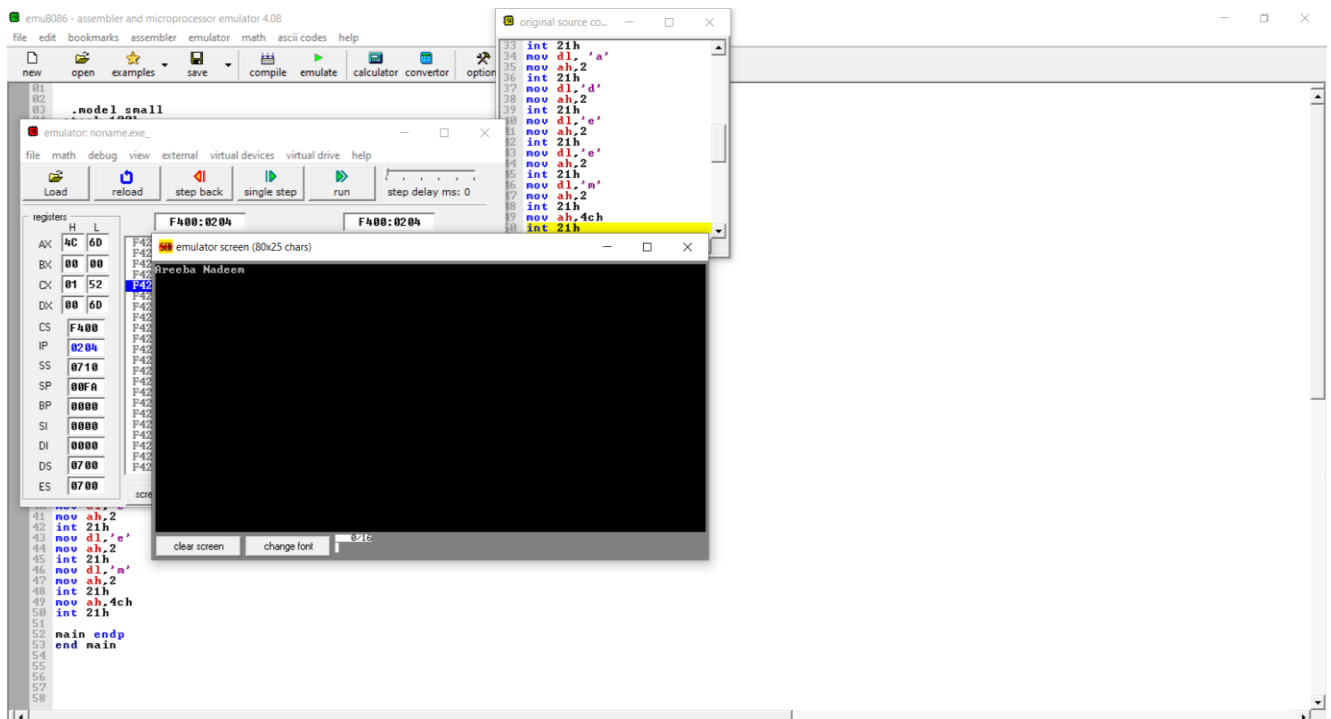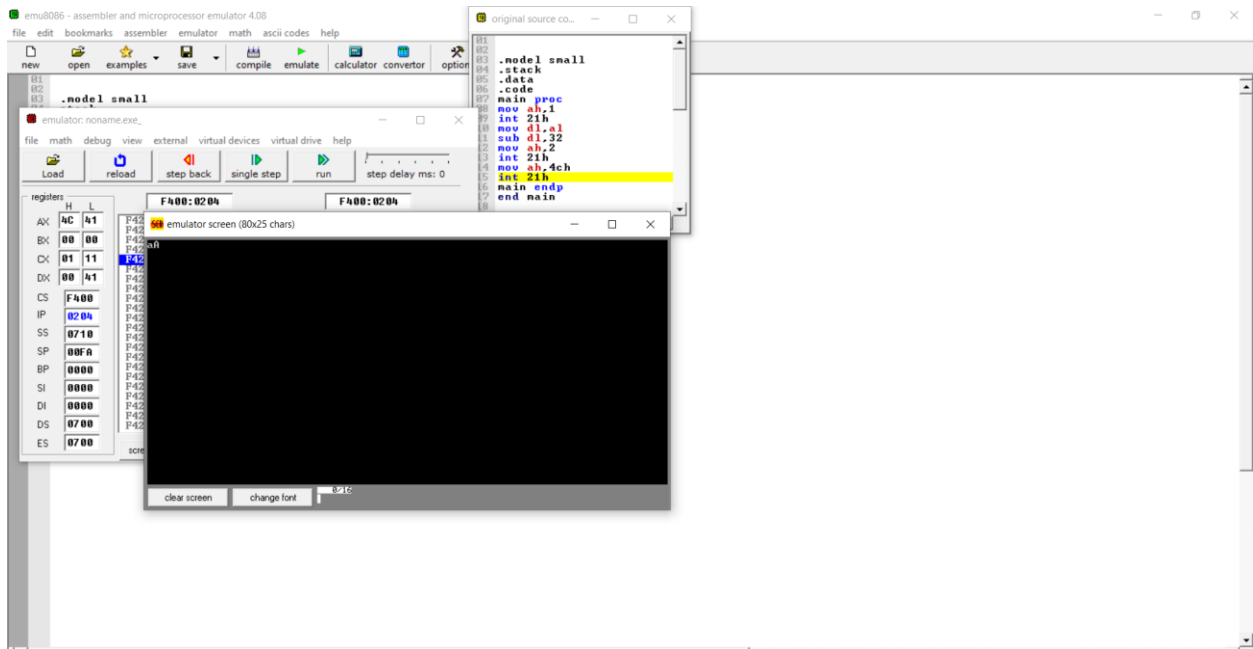
OUTPUT:

Task 3:
Convert a into A?

CODE:

```
.model small
.stack
.data
.code
main proc
mov ah,1
int 21h
mov dl,al
sub dl,32
mov ah,2
int 21h
mov ah,4ch
int 21h
main endp
end main
```

OUTPUT:

TASK 4:

Conver A into a?

CODE:

```
.model small
.stack
.code
main Proc
    mov ah,1
```

```
int 21h
mov dl,al
add dl,32
mov ah,2
int 21h
main endp
end main
```

OUTPUT: