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Semester : 4th Semester
Department : UBIT (BSSE)
Course : Assembly language(CSSE 402)

Lab Task 2

~ MS Farheen Faisal Siddiqui ~

```
File Edit Search View Options Help
C:\FILE.ASM
;Muhammad Annas Raza (B20103035)

.model small
.stack 100h
.data
.code
main proc

mov bl,2
mov dl,1
mov dl,bcl
add dl,48

mov ah,2
int 21h

mov ah,4ch
int 21h
main endp
end main
```

F1=Help | Line:1 Co

```
C:\>File.exe
```

```
C:\>edit file.asm
```

```
C:\>masm File.asm;
```

```
Microsoft (R) Macro Assembler Version 5.00
```

```
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.
```

```
51710 + 464834 Bytes symbol space free
```

```
0 Warning Errors
```

```
0 Severe Errors
```

```
C:\>link File.obj;
```

```
Microsoft (R) Overlay Linker Version 3.60
```

```
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
```

```
C:\>File.exe
```

```
2
```

```
C:\>S_
```

output

```
;Muhammad Annas Raza (B20103035)
.model small
.stack 100h
.data
.code
main proc

mov bl,5
mov cl,1
sub bl,cl
add bl,48
mov dl,bl
mov ah,2
int 21h

mov ah,4ch
int 21h
main endp
end main
```

C:\>File.exe

ff

C:\>edit file.asm

C:\>masm File.asm;

Microsoft (R) Macro Assembler Version 5.00

Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51710 + 464834 Bytes symbol space free

0 Warning Errors

0 Severe Errors

C:\>link File.obj;

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C:\>File.exe

4

C:\>S

File Edit Search View Options Help

C:\FILE.ASM

;Muhammad Annas Raza (B20103035)

.model small

.stack 100h

.data

.code

main proc

mov ah,1

int 21h

mov bl,al

mov ah,1

int 21h

add bl,al

sub bl,48

mov dl,bl

mov ah,2

int 21h

mov ah,4ch

int 21h

main endp

end main

Commands for manipulating files

Microsoft (R) Overlay Linker Version 3.60

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C:\>File.exe

257

C:\>masm File.asm;

Microsoft (R) Macro Assembler Version 5.00

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51710 + 464834 Bytes symbol space free

0 Warning Errors

0 Severe Errors

C:\>link File.obj;

Microsoft (R) Overlay Linker Version 3.60

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C:\>File.exe

257

C:\>_

