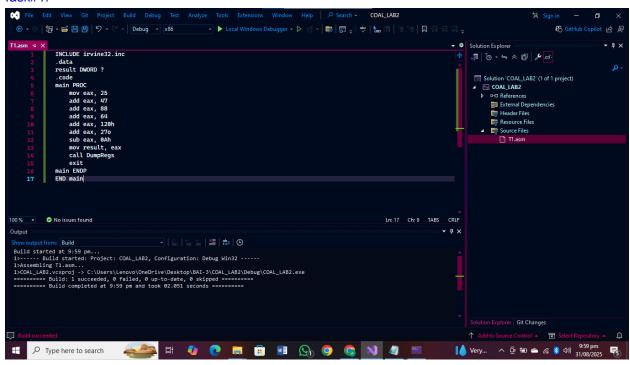
COAL LAB#2

Muhammad Baqar Laghari 24K-0006 BAI-3A

Task#1:

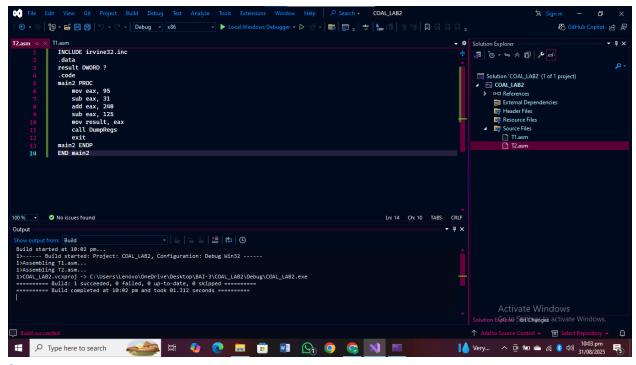


Output:

```
EAX=0000020D EBX=00E5A000 ECX=005E10AA EDX=005E10AA ESI=005E10AA ESI=005E10AA EDI=005E10AA EDI=005E10AA EDI=005E10AA EBP=010FFF7C ESP=010FFF70 EIP=005E3683 EFL=00000212 CF=0 SF=0 ZF=0 OF=0 AF=1 PF=0

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 1272) exited with code 0 (0x0). Press any key to close this window . . . _
```

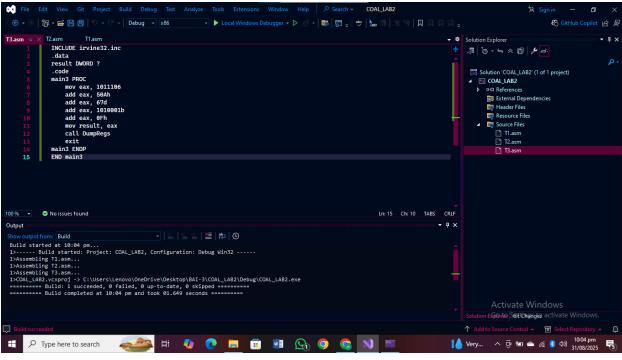
Task#2:



```
EAX=000000B3 EBX=00217000 ECX=0010102D EDX=0010102D ESI=0010102D ESI=0010102D EDI=0010102D EBP=0055F8A0 ESP=0055F894 EIP=001036BA EFL=00000212 CF=0 SF=0 ZF=0 OF=0 AF=1 PF=0

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 10800) exited with code 0 (0x0). Press any key to close this window . . .
```

Task#3:

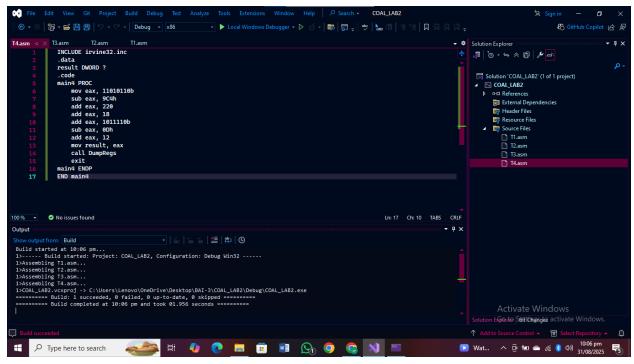


```
EAX=000F734F EBX=01016000 ECX=003F1087 EDX=003F1087
ESI=003F1087 EDI=003F1087 EBP=012FFE44 ESP=012FFE38
EIP=003F36FD EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 6660) exited with code 0 (0x0).

Press any key to close this window . . .
```

Task#4:

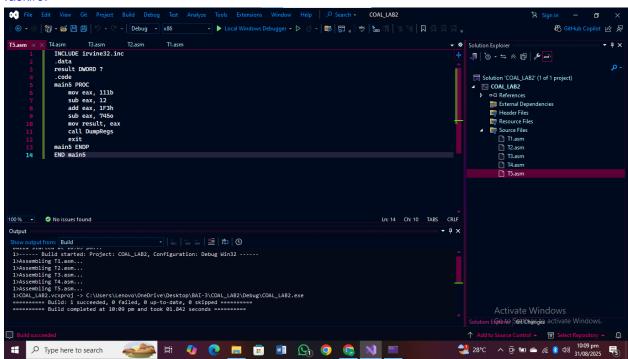


```
EAX=FFFFF85D EBX=00D4A000 ECX=009610A5 EDX=009610A5
ESI=009610A5 EDI=009610A5 EBP=00F5FDB4 ESP=00F5FDA8
EIP=00963755 EFL=000000282 CF=0 SF=1 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 6200) exited with code 0 (0x0).

Press any key to close this window . . .
```

Task#5:

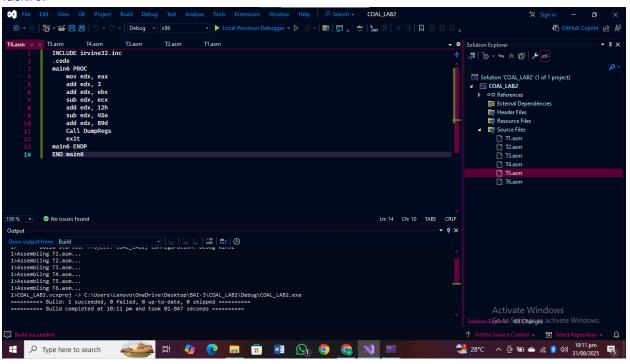


```
EAX=00000009 EBX=01106000 ECX=001710AA EDX=001710AA
ESI=001710AA EDI=001710AA EBP=00F9F7F8 ESP=00F9F7EC
EIP=0017378C EFL=00000206 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 10272) exited with code 0 (0x0).

Press any key to close this window . . . .
```

Task#6:



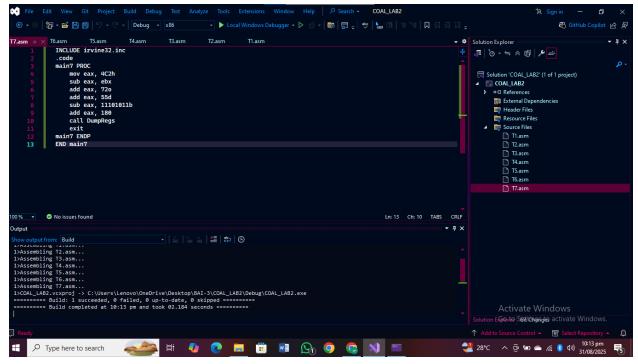
Output:

```
EAX=00F5F998 EBX=00C69000 ECX=008610FA EDX=013678E7
ESI=008610FA EDI=008610FA EBP=00F5F94C ESP=00F5F940
EIP=008637C7 EFL=00000216 CF=0 SF=0 ZF=0 OF=0 AF=1 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 6668) exited with code 0 (0x0).

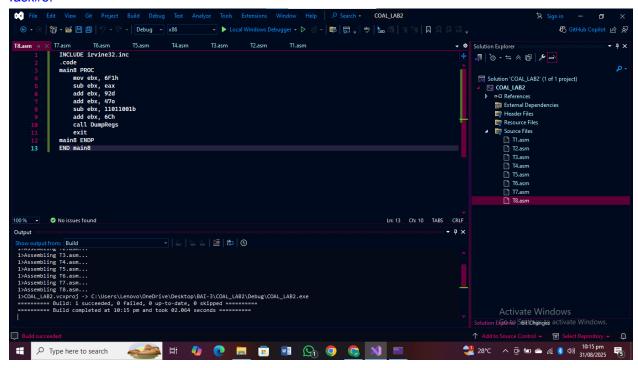
Press any key to close this window . . .
```

Task#7:



```
EAX=FFD024FC EBX=002FE000 ECX=00811019 EDX=00811019 ESI=00811019 EDI=00811019 EDI=00811019 EBP=001BFA50 ESP=001BFA44 EIP=008137FC EFL=00000286 CF=0 SF=1 ZF=0 OF=0 AF=0 PF=1 C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 10776) exited with code 0 (0x0). Press any key to close this window . . .
```

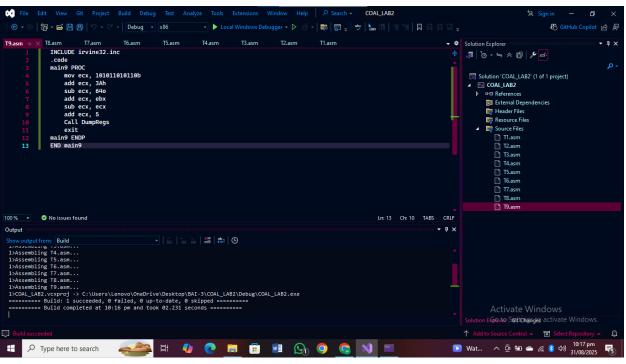
Task#8:



```
EAX=004FF990 EBX=FFB00D77 ECX=00DD10CD EDX=00DD10CD ESI=00DD10CD ESI=00DD10CD EDI=00DD10CD EBP=004FF944 ESP=004FF938 EIP=00DD383B EFL=00000296 CF=0 SF=1 ZF=0 OF=0 AF=1 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 748) exited with code 0 (0x0). Press any key to close this window . . .
```

Task#9:



Output:

```
EAX=00B6F938 EBX=00928000 ECX=00000005 EDX=000510D7
ESI=000510D7 EDI=000510D7 EBP=00B6F8EC ESP=00B6F8E0
EIP=00053877 EFL=00000206 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL_LAB2\Debug\COAL_LAB2.exe (process 7092) exited with code 0 (0x0).

Press any key to close this window . . .
```