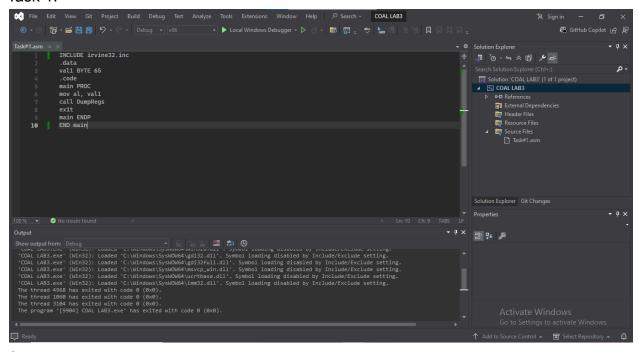
COAL LAB 3

Muhammad Baqar Laghari 24K-0006 BAI-3A

Task 1:

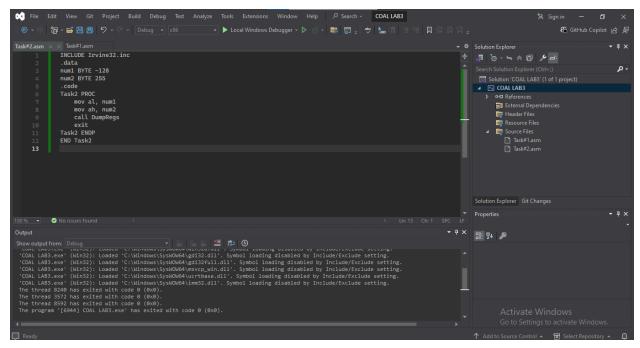


```
EAX=010FF841 EBX=00FD4000 ECX=000F10AA EDX=000F10AA ESI=000F10AA ESI=000F10AA EDI=000F10AA EBP=010FF7CC ESP=010FF7C0 EIP=000F366A EFL=00000246 CF=0 SF=0 ZF=1 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 9904) exited with code 0 (0x0). To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

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

Task 2:



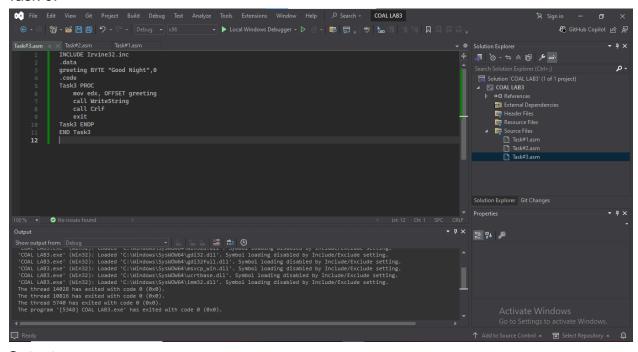
Output:

```
EAX=00D8FF80 EBX=00B78000 ECX=00091032 EDX=00091032
ESI=00091032 EDI=00091032 EBP=00D8FD0C ESP=00D8FD00
EIP=00093690 EFL=00000246 CF=0 SF=0 ZF=1 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 7348) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

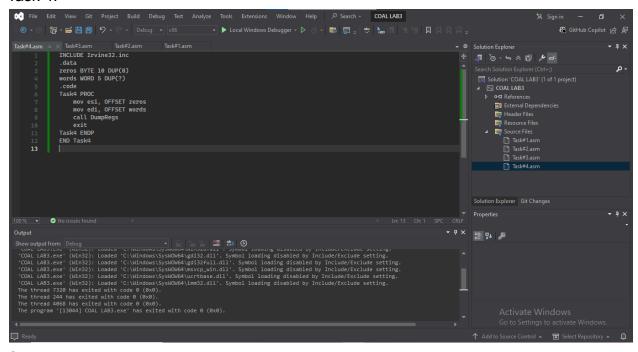
Press any key to close this window . . . .
```

Task 3:



```
Good Night
C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 5348) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso
le when debugging stops.
Press any key to close this window . . .
```

Task 4:

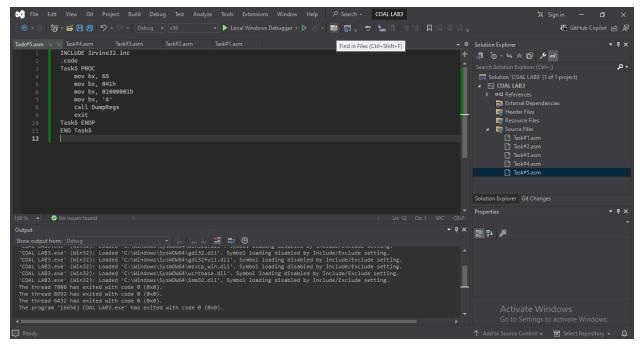


```
EAX=003EF9D0 EBX=007B8000 ECX=005A106E EDX=005A106E
ESI=005A6030 EDI=005A603A EBP=003EF984 ESP=003EF978
EIP=005A36FF EFL=00000246 CF=0 SF=0 ZF=1 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 13044) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

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

Task 5:



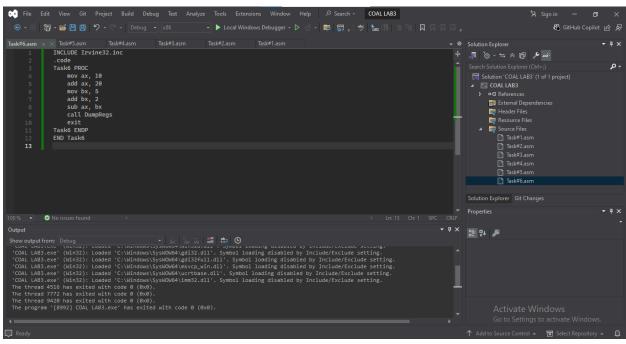
Output:

```
EAX=00EFFEE8 EBX=00D80041 ECX=003610BE EDX=003610BE
ESI=003610BE EDI=003610BE EBP=00EFFE9C ESP=00EFFE90
EIP=00363725 EFL=00000246 CF=0 SF=0 ZF=1 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 6656) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso le when debugging stops.

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

Task 6:

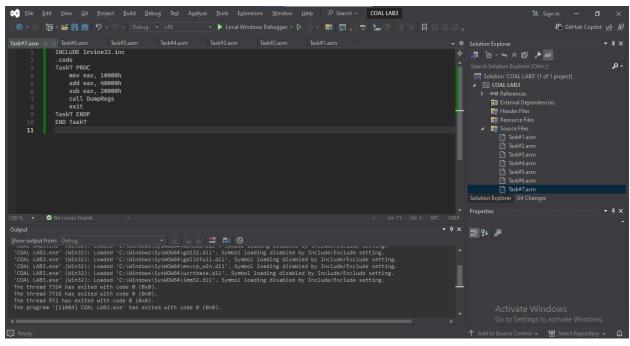


```
EAX=00AF0017 EBX=009A0007 ECX=00B51118 EDX=00B51118
ESI=00B51118 EDI=00B51118 EBP=00AFFE48 ESP=00AFFE3C
EIP=00B53768 EFL=00000206 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 8992) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso le when debugging stops.

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

Task 7:



```
EAX=00030000 EBX=00A29000 ECX=007810FF EDX=007810FF ESI=007810FF ESI=007810FF EDI=007810FF EBP=00CFFB78 ESP=00CFFB6C EIP=00783794 EFL=00000206 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=1

C:\Users\Lenovo\OneDrive\Desktop\BAI-3\COAL LAB3\Debug\COAL LAB3.exe (process 11084) exited with code 0 (0x0). To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops. Press any key to close this window . . .
```