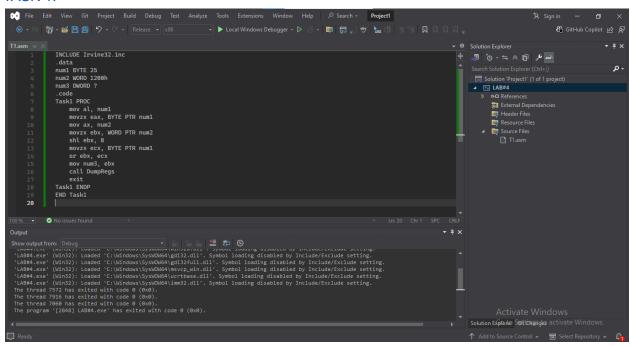
COAL LAB# 4

TASK 1:

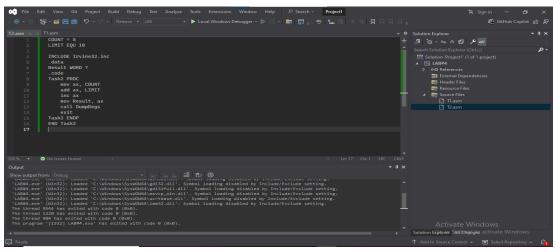


OUTPUT:

```
EAX=00001200 EBX=00120019 ECX=00000019 EDX=00F52000
ESI=00F52000 EDI=00F52000 EBP=00AFFC68 ESP=00AFFCSC
EIP=00F52030 EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\Project1\Release\LAB#4.exe (process 2848) 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.
```

TASK 2:



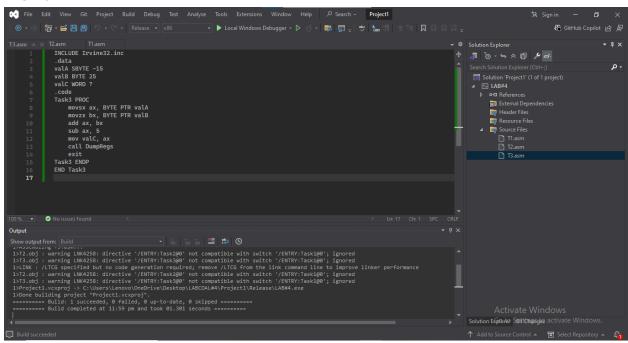
OUTPUT:

```
EAX=00001200 EBX=00120019 ECX=000000019 EDX=00392000
ESI=00392000 EDI=00392000 EBP=009EFE58 ESP=009EFE4C
EIP=00392030 EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\Project1\Release\LAB#4.exe (process 1332) 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:



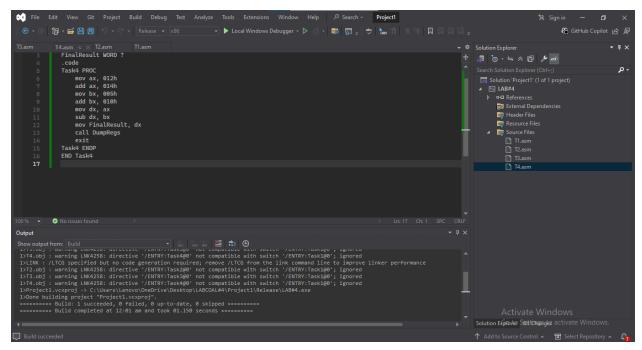
OUTPUT:

```
EAX=00001200 EBX=00120019 ECX=00000019 EDX=00402000
ESI=00402000 EDI=00402000 EBP=00D3FB2C ESP=00D3FB20
EIP=00402030 EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\Project1\Release\LAB#4.exe (process 14300) exited with code 0 (0x0).

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

TASK 4:



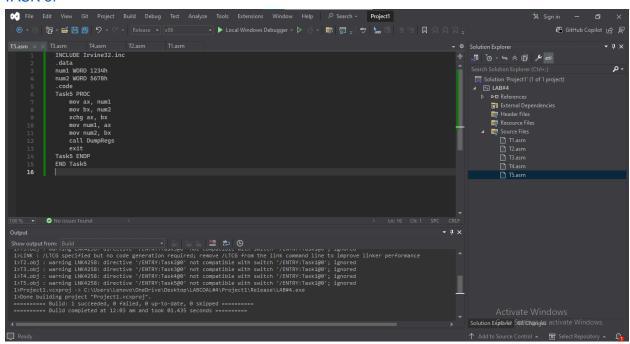
OUTPUT:

```
EAX=00001200 EBX=00120019 ECX=00000019 EDX=00F22000
ESI=00F22000 EDI=00F22000 EBP=006FFEE0 ESP=006FFED4
EIP=00F22030 EFL=000000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\Project1\Release\LAB#4.exe (process 1240) exited with code 0 (0x0).

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

TASK 5:



OUTPUT:

```
EAX=00001200 EBX=00120019 ECX=00000019 EDX=00E02000 ESI=00E02000 EDI=00E02000 EBP=00B3F88C ESP=00B3F880 EIP=00E02030 EFL=00000202 CF=0 SF=0 ZF=0 OF=0 AF=0 PF=0
```

C:\Users\Lenovo\OneDrive\Desktop\LABCOAL#4\Project1\Release\LAB#4.exe (process 7584) exited with code 0 (0x0). Press any key to close this window . . .