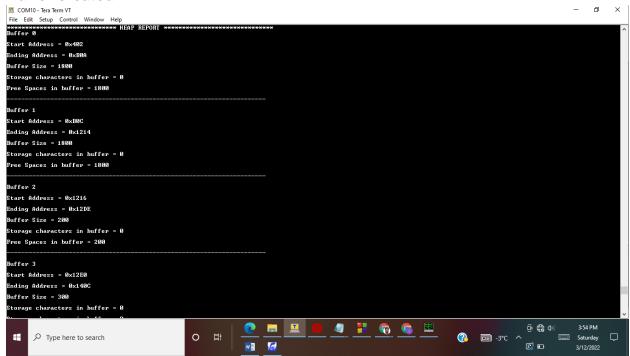
I was successful to complete 2 challenges. One was PAULMON2 Run command and the SDCC heap memory management analysis. I have attached the user interface program of the SDCC heap memory management analysis in the lab files with the screenshots showing the proper analysis of memory management.

The Screenshots of working are attached in the lab submission files.

Buffer created.



Analysis:



Calculations:

Calculations:
(hallenge - Memory Management Analysis Total heap Size - 4800
Create 2 Buffers of 572e 1800
SteP2. Buttero Butter
402 1800 BOC 1800 200
Sle?3 (402) 0 (8d) 1 2
Ste?3 (402) 0 (8d) 1 2 / (Add Beffer2) 1800 (800 (216) 300
Stepy (602) 0 1 2 3
Stepy (602) 0 1 2 3 (Add Buffer 3) (Boc) (1216) (1260)
Delek Buffer 2
- Step 5 1800 1800 300
0 3
3 Possibilities
1 ff the 1 lea
@ if we create buffer of loo by tes.
1800 1800 100 300
B if we create a Buffer of 210 bytes.
(402) 1800 (80c) 1800 300 210
(120E) (140E)
Lost lase of Buffer 800 bytes will not be created
Last to Good of the Control of the C