1 - Calculate the minimum size required for the On-Chip memory block inside the Character buffer block if we quadrupled the size (W and L) of the characters in pixels.(assume a 640x480 display)   25pts
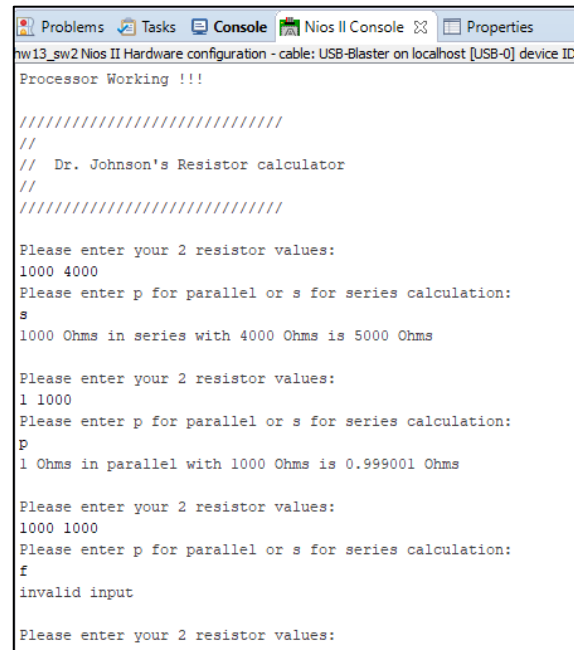
_____ bytes

2 - Calculate the minimum size required for the SDRAM used in our pixel buffer example from class.(assume no backbuffer support and a 4x scaler block instead of the examples 2x scaler) (assume a 640x480 display)   25pts

_____ bytes

3 – Modify your Nios_Basic processor hardware to change the memory from 12000B to 150000B and create a new BSP, but DO NOT check the enable_small_C_library box (allows access to scanf()).
Write a program to request 2 integer resistor values and a character (s or p), then calculate the parallel or series resistance depending on the character entered (s or p). Provide your code and examples below   50pts