You can get help on this from any source you wish (other than faculty) as long as you understand the answers that you submit.

In the figure below, the numbers 1000, 2000, 3000, 4000, and 5000 represent addresses in decimal. The \( w, x, y_1, y_2, y_3, y_4, \) and \( z \) represent values stored in 4 bytes of memory. Assume that pointers take up 4 bytes. The variable \( \texttt{argvp} \) is declared by:
\[
\text{char ***argvp;}
\]

Find the value of each of the following or state that it cannot be found from the given information (?). None of the answers should be \( w, x, y_1, y_2, y_3, y_4, \) or \( z \). Instead, use their numeric values.

Hint: The answer to the first question is 2000.

1) \( w \) _______________________
2) \( x \) _______________________
3) \( y_1 \) _______________________
4) \( y_2 \) _______________________
5) \( y_3 \) _______________________
6) \( y_4 \) _______________________
7) \( z \) _______________________
8) \( \texttt{argvp} \) _______________________
9) \( \&\texttt{argvp} \) _______________________
10) \( \ast\texttt{argvp} \) _______________________
11) \( \ast\ast\texttt{argvp} \) _______________________
12) \( \ast\ast\ast\texttt{argvp} \) _______________________
13) \( \texttt{argvp}+1 \) _______________________
14) \( \ast\left(\texttt{argvp}+1\right) \) _______________________
15) \( \left(\ast\texttt{argvp}\right)+1 \) _______________________
16) \( \ast\left(\ast\left(\ast\texttt{argvp}\right)+1\right) \) _______________________
17) \( \texttt{argvp}[1] \) _______________________
18) \( \ast\left(\texttt{argvp}[1]\right) \) _______________________
19) \( \ast\left(\ast\texttt{argvp}[1]\right) \) _______________________
20) \( \texttt{argvp}[1][0] \) _______________________