|  |  |
| --- | --- |
| **Application/ Program name:** | CH4\_EX13 |
| **Written by:** | Allen J Myers |

|  |
| --- |
| **Purpose or problem definition:** |
| Program to calculate the number of lines printable and number of characters that can be printed on a single line given page dimensions, margins, point size and line spacing. |
|  |
| **Program Procedures:** |
| Ask user for dimensions of page, ask user for margins, ask user for point sizing and line spacing. Calculate the number of lines printable and number of characters printable in each line. Output the results for the algorithm. |
|  |
| **Algorithm/Processing/Conditions:** |
| **Inputs:** |
| Page dimensions, margins, point size, line spacing. |
| **Processes:** |
| Convert given input and using algorithms to convert it into value of lines and characters printable. |
| **Outputs:** |
| System outputs the number of lines and number of characters printable given the dimensions. |
|  |
| **Notes & Restriction:** |
| Program does not support negative values. Program only supports single or double spacing. |
|  |
| **Comments:** |
| Simple program using loops. |