```
\documentclass[12pt]{article}
\usepackage{amsmath}
\newcommand{\myvec}[1]{\ensuremath{\begin{pmatrix}#1\end{pmatrix}}}
\newcommand{\solution}{\noindent \textbf{Solution: }}
\providecommand{\brak}[1]{\ensuremath{\left(#1\right)}}
\providecommand{\norm}[1]{\left\lVert#1\right\rVert}
\let\vec\mathbf

\title{linear equations in two variables}
\author{N.Charan (charan.n@sriprakashschools.com)}

\begin{document}
\maketitle
\section*{Class No$^{11th}$ Maths - Chapter 3}
This is Problem-1 from 3.3
\begin{enumerate}
\item Type your question \\x+y=14 & x-y=4

\solution \\x=9 & y=5

Given Data:
This can also be written as:
\begin{align}
\vec{AX}=\vec{B}
   ()
\end{align}

Ex of creating a matrix - A= $\myvec{1&1\\1&-1}$\\X=$\myvec{x\\y}$\\
B=$\myvec{14\\4}$\\
\mydet{14 & 1\\4 & -1}
```

\mydet{1&1\\1&-1}

x = -14-4/-2

x = -18/-2

x = 9

\mydet{b & a1}\\{a1 & a2}

\mydet{14 & 1\\4 & 1}

\mydet{-2}

14-4/2

10/2

5

y =5

\end{document}

N_CHARAN (1).pdf