LA1 - Version 2 - Exercise 3

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```
# initial setup
options(scipen = 999)
options(tinytex.verbose = TRUE)
library(matlib)
library(knitr)
library(rmarkdown)
library(quarto)
library(tinytex)
library(pandoc)
knitr::opts_chunk$set(echo=TRUE, message=FALSE, warning=FALSE, fig.width=6, fig.height=6)
```

System of linear equations of the form Ax=b, where:

Code the equation in R matlib:

```
showEqn(A, b, fractions = TRUE, latex = TRUE)
```

Show equation (R's Latex output):

Code equation solution:

```
Solve(A, b, fractions = TRUE)
```

Show the final result of the equation (not Latex, plain):

```
x1 + x2 = 1
x3 = -0.5
```

Show whole step by step verbose solution:

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