

DATA 605: Computational Mathematics Discussion Board 1

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```
A <- matrix(c(1,1,2,-1),nrow = 2, byrow = TRUE)
b <- c(1,2)
x <- solve(A,b)
print(x)
```

```
## [1] 1 0
```

```
col1 <- c(1,2)
col2 <- c(1,-1)

result <- x[1] * col1 + x[2] * col2
print(result)
```

```
## [1] 1 2
```

First Course in Linear Algebra

Vectors

Exercise C11