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```
clear
close all
```

## Problem 4

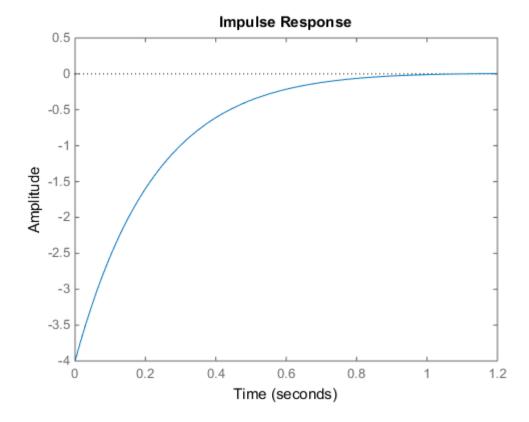
```
syms t
A = [-7, -12; 1, 0];
B = [1; 0];
C = [-4, -10];
D = 0;
x0 = [1; 2];
```

## Solution to part a

```
pretty(expm(A*t)*x0)
```

## Solution to part b

```
sys = ss(A, B, C, D);
impulse(sys)
```



.....

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