```
% Q4

A = [1.01 0.99; 0.99 1.01];
b1 = [2; 2]; % observation vector b1
x = A\b1;
b2 = [2.02; 1.98]; % observation vector b2
x2 = A\b2;
fprintf('Backward error is');
norm(b1-b2)
```

```
Backward error is
ans =

    0.0283
```

Published with MATLAB® R2020b