



(A) Inflation (black) and unemployment (red) for the USA, 1980-2024. (B) Sample autocorrelation function of the residuals from a least square regression, `lm(inflation~unemployment)`, with estimated coefficients below. Which is the best interpretation of these graphs and fitted model?

```
## (Intercept) unemployment
## 2.87056052 0.04543759
```

A: