

# URL Shortener

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## The Task

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Build a URL shortener, just like <https://bit.ly>

## Basic Requirements

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1. As a shortened URL creator, I want to shorten a normal URL to a shortened one, so that I can have a shorter URL to disseminate.
  - Sample request: `www.google.com`
  - Sample response: `sho.rt/sdf87sf`
2. As a shortened URL consumer, I want to click on a shortened URL and have it arrive at the full URL without further clicks, so that I can type less into my browser.

## Bonus Requirements

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1. A simple frontend with an input box for entering the URL to be shortened
2. Deploy the web application to a publicly accessible hosting service
3. Persistence of the shortened URLs across system reboots (e.g. relational databases like MySQL)
4. Write 1 or 2 unit tests to demonstrate you understand how to write automated tests

## What's Next

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- Submit your code by way of emailing us the Git repo URL(s)