

# Paylocity Coding Challenge

## Show us how you work.

Each of our Paylocity product teams operates like a small startup, empowered to deliver business value in whatever way they see fit. Because our teams are close knit and fast moving it is imperative that you are able to work collaboratively with your fellow developers.

This coding challenge is designed to allow you to demonstrate your abilities and discuss your approach to design and implementation with your potential colleagues. You are free to use whatever technologies you prefer but please be prepared to discuss the choices you've made. We encourage you to focus on creating a logical and functional solution rather than one that is completely polished and ready for production.

The challenge can be used as a canvas to capture your strengths in addition to reflecting your overall coding standards and approach. There's no right or wrong answer, it's more about how you think through the problem. We're looking to see your skills in all three tiers so the solution can be used as a conversation piece to show our teams your abilities across the board.

### Business Need:

One of the critical functions that we provide for our clients is the ability to pay for their employees' benefits packages. A portion of these costs are deducted from their paycheck, and we handle that deduction. Please demonstrate how you would code the following scenario:

- The cost of benefits is \$1000/year for each employee
- Each dependent (children and possibly spouses) incurs a cost of \$500/year
- Anyone whose name starts with 'A' gets a 10% discount, employee or dependent

We'd like to see this calculation used in a web application where employers input employees and their dependents, and get a preview of the costs. This is of course a contrived example. We want to know how you would implement the application structure and calculations and get a brief preview of how you work.

### Please implement a web application based on these assumptions:

- All employees are paid \$2000 per paycheck before deductions
- There are 26 paychecks in a year