


Srp_Act30

Activity 30: Payroll System (SRP – Challenge)

Scenario:

You’ re building a payroll system for a growing business. The code works now, but it mixes employee data, salary computation, and payslip printing in one place.

Your manager asks:

 “If we ever change tax rules or change how payslips are printed, how many places would we have to edit?”

Your task:

Split logic into classes based on their purpose. Ask yourself:

 *What should happen if the business changes one part but not the others?*

Instructions:

1. Create an `Employee` class (just stores name, hours, and rate).
 2. Create a `PayrollCalculator` (computes salary).
 3. Create a `PayrollPrinter` (prints a payslip for the employee).
 4. Make sure it works for one sample employee.
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Note:

- *Give me your best output*
- *Add what you think is needed*