# Lab 6: Saving for Retirement

Fill in your full name

2025-10-09

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**Exercise 1**

```
savings <- 0
income <- 58000
interest_rate <- 0.06
savings_rate <- 0.10

for (year in 22:65) {
  savings <- savings + (income * savings_rate) + (savings * interest_rate)
}

savings
```

```
## [1] 1158597
```

**Exercise 2**

```
final_savings <- 1158597
annual_withdrawal <- final_savings * 0.04
annual_withdrawal
```

```
## [1] 46343.88
```

**Exercise 3**

**Exercise 4**

**Exercise 5**