



# ■■ Practice Workbook

## Welcome to Your Practice Workbook!

This workbook provides hands-on exercises to reinforce what you've learned in Chapters 1-5. Complete these exercises to build real automation skills.

### How to Use This Workbook:

1. Complete exercises in order
2. Actually build the workflows—don't just read
3. Try on your own before checking solutions
4. Experiment and break things—that's how you learn
5. Share results in IOLEBA forum (launching Jan 15!)

## Exercise 1: Daily Motivation Sender

### Goal: Automated Morning Quote

**What You'll Learn:** Schedule triggers, HTTP requests, sending emails

### Requirements:

- Runs daily at 7:00 AM
- Fetches random quote from API
- Sends quote to your email
- Email subject includes date

### Nodes Needed:

- Schedule Trigger (daily at 7 AM)

- HTTP Request (GET <https://api.quotable.io/random>)
- Set Node (format email content)
- Gmail/Email Node (send email)

■ **Solution Guide**

**Schedule Trigger:** Days = 1, Hour = 7, Minute = 0

**HTTP Request:** Method = GET, URL = <https://api.quotable.io/random>

**Set Node Values:**

- quote: {{ \$json.content }}
- author: {{ \$json.author }}

## Exercise 2: Customer Data Formatter

### Goal: Clean and Standardize Data

**What You'll Learn:** String manipulation, data transformation

**Transform customer data from messy to clean format**

■ **Solution: Use Set Node**

- `first_name: {{ $json.name.trim().split(' ')[0] }}`
- `last_name: {{ $json.name.trim().split(' ')[1] }}`
- `email: {{ $json.email.toLowerCase() }}`
- `phone: {{ $json.phone.replace(/\D/g, '') }}`

## Exercise 3: Smart Order Router

### Goal: Route Orders by Rules

**What You'll Learn:** IF nodes, conditional logic, routing

**Business Rules:**

1. VIP Rush: Total > \$500 AND shipping = 'express' → VIP Team
2. International: Country ≠ 'USA' → International Team
3. Bulk: Quantity > 20 → Bulk Team
4. Standard: Everything else → Standard Team

**Workflow:**

1. Webhook Trigger
2. IF Node #1: Check VIP conditions
3. IF Node #2: Check international
4. IF Node #3: Check bulk
5. Send to appropriate Slack channel

■ **Solution**

**IF Node #1 (VIP):**

- Condition 1: total > 500
- Condition 2: shipping equals 'express'

- Combine: AND
- Continue for each rule in priority order

## Exercise 4: Customer Onboarding System

### Goal: Complete Automation

**What You'll Learn:** End-to-end workflows, multiple integrations

#### When Customer Signs Up:

1. Validate email format
2. Add to CRM or Google Sheets
3. Send personalized welcome email
4. Notify sales team on Slack
5. Schedule follow-up for 3 days

#### ■ Solution Workflow

1. Webhook Trigger
2. IF: Validate email (contains @ and .)
3. Set: Format customer data
4. Google Sheets: Add customer
5. Gmail: Send welcome
6. Slack: Notify team
7. Wait: 3 days
8. Gmail: Send follow-up

## Exercise 5: Your Own Business Automation

### Challenge: Automate Something Real

**Your Mission:** Apply everything to solve an actual business problem.

#### Ideas:

- Social media posting schedule
- Customer inquiry responses
- Report generation
- Data synchronization
- Invoice generation

- Lead capture and follow-up

**Choose Good First Automations:**

- Clear trigger (when does it start?)
- Predictable steps (same every time)
- Measurable outcome (you'll know if it works)
- Low risk if fails
- Happens frequently (at least weekly)

## Completion Checklist

### ■ You've Mastered Foundations When You Can:

- Install and configure n8n
- Navigate interface confidently
- Create workflows from scratch
- Connect and configure nodes
- Use expressions to transform data
- Implement conditional logic
- Handle errors gracefully
- Test and debug workflows
- Build real automation for your business

**All checked?** You're ready for Week 2: Core Skills (Chapters 6-10)!

## Additional Resources

- **n8n Documentation:** [docs.n8n.io](https://docs.n8n.io)
- **n8n Community:** [community.n8n.io](https://community.n8n.io)
- **IOLEBA Forum:** Launches January 15, 2026
- **IOLEBA Tools:** [ioleba.org/tools](https://ioleba.org/tools)

## What's Next?

### Week 2 Preview (Chapters 6-10):

- Advanced node types
- Database integrations
- API authentication
- Complex data transformations
- Webhook workflows

**Before Week 2:**

1. Complete all 5 exercises
2. Take Self-Evaluation Quiz (80%+ to pass)
3. Build one real automation
4. Consider IOLEBA membership (\$44.95/year)

**■ Ready to Start?**

Begin with Exercise 1 and work through. Take your time, practice deliberately, and build skills that transform your business.

**The best time to start was yesterday. The second best time is NOW!**

**n8n Textbook - Practice Workbook** | Week 1: Foundation (Chapters 1-5)

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