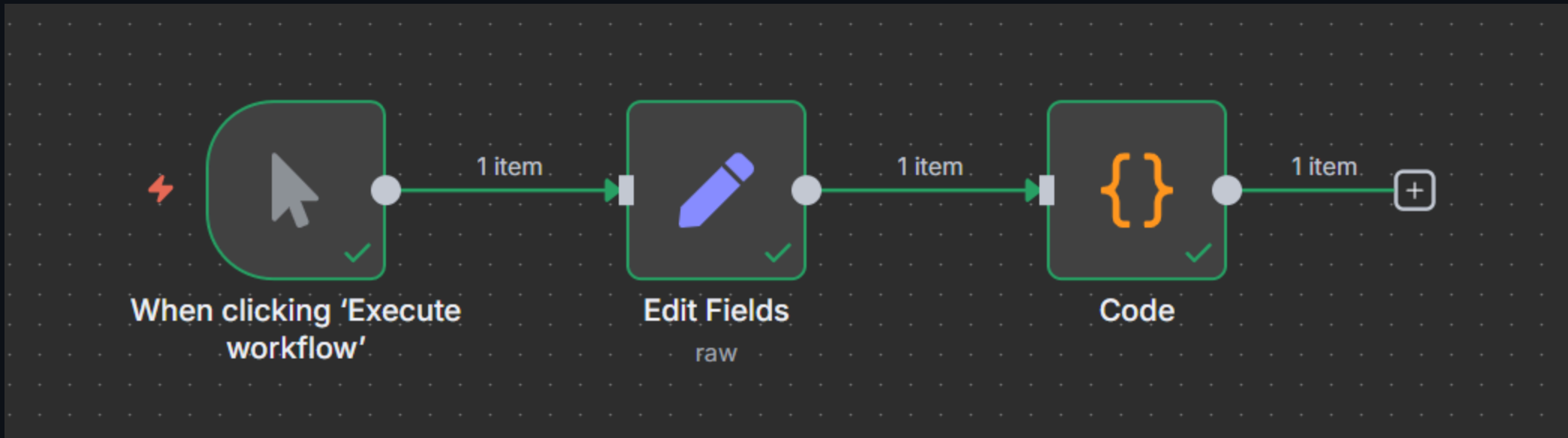# Information Technology for Logistics

Part 2: N8N

What is it?

> `n8n` is an open-source workflow automation tool that allows users to automate tasks and connect different apps, services, and APIs using a simple, visual interface.
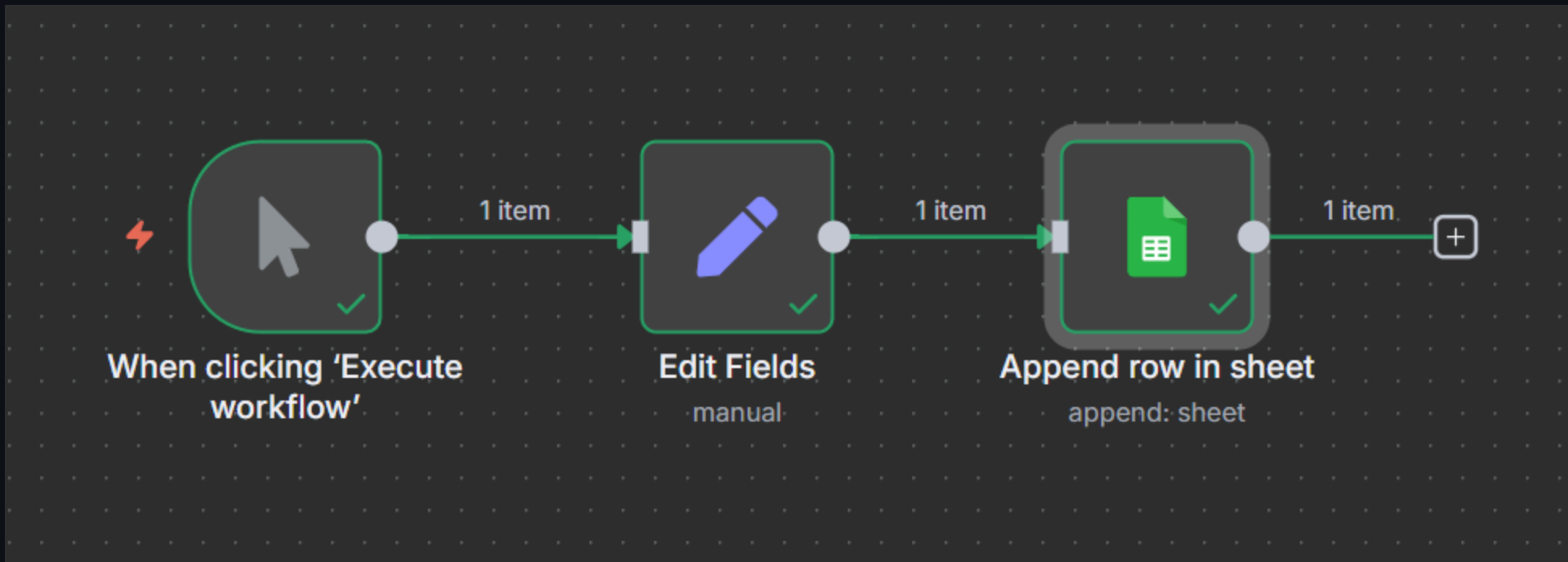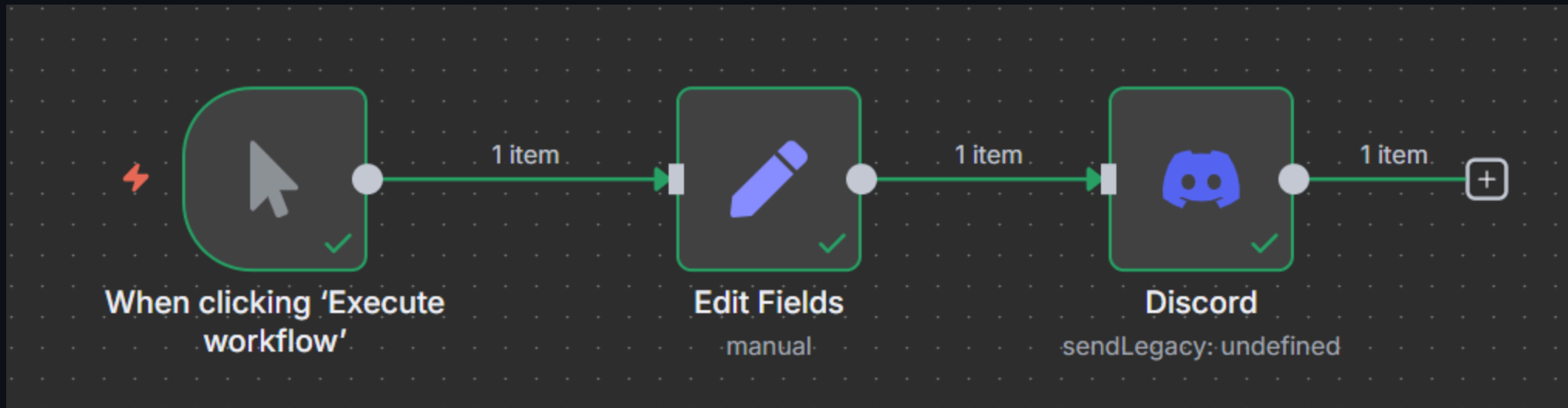
Installation

Guide

Basic Flow 1

Google Sheet

Notification

Sensor

```sql
CREATE TABLE IF NOT EXISTS sensor_light (
  id INT PRIMARY KEY AUTO_INCREMENT,
  value VARCHAR(20) NOT NULL UNIQUE,
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

Bookstore System

```sql
ALTER TABLE iebookstore.orderdetail
ADD COLUMN IF NOT EXISTS created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
```