NOTE: I developed all the APIs specified in the assignment requirements and additionally implemented extra APIs to ensure the management system functions logically and effectively.

Command to run:
1. **npm install** - to install all packages and dependencies.
2. **npx ts-node src/server.ts** - to run the backend on port 3000 locally.

Extra APIs:
- **GET** /api/orders - To get all orders. (Integrated with frontend)
- **PATCH** /api/orders/:id/status - To update status of the order. (Future improvement)
- **GET** /api/codes/verify - To verify the code is valid or not. (Integrated with frontend)
- **POST** /api/codes - To create new redemption code. (Future improvement)
- **PATCH** /api/codes/:id - To update the redemption code details. (Future improvement)
- **GET** /api/customers/search - To search customers by name. (Integrated with frontend)
- **GET** /api/products/search - To search products by name. (Integrated with frontend)
- **PATCH** /api/products/:id - To update product details. (Integrated with frontend)