

## Dungeon Adventure text-based game:

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### # 🏰 Dungeon Adventure

A classic, text-based dungeon exploration game written in Node.js. Enter a mysterious dungeon, collect treasures, avoid deadly traps, and escape with your life – if you can!

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### ## 🎮 Features

- Explore interconnected rooms in a dark dungeon
- Collect items and treasure
- Fight monsters (or run away!)
- Avoid hidden traps
- Find the golden key and escape the dungeon
- Tracks visited rooms, collected items, and your survival rate

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### ## 📦 Requirements

- [Node.js](https://nodejs.org/) v14+ installed on your machine

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### ## 🚀 How to Play

1. **\*\*Clone or Download\*\*** this repository.
2. **\*\*Navigate to the folder\*\***:

```
```bash
cd dungeon-adventure
```

### 3. Run the game:

```
node dungeon-adventure.js
```

### 4. Enter your name and begin exploring.

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## 👤 Commands

Type these in the terminal during gameplay:

Command	Description
<code>go north</code>	Move north (also works: <code>north</code> )
<code>go east</code>	Move east
<code>take gold key</code>	Pick up an item in the room
<code>inventory</code> or <code>i</code>	View your inventory and health
<code>look</code>	Re-describe the current room
<code>help</code>	Show command list
<code>quit</code> or <code>exit</code>	Quit the game

## Dungeon Map (Mermaid)

```
graph TD
    Entrance["🏰 Entrance"]
    Hallway["🚪 Hallway"]
    TreasureRoom["💰 Treasure Room"]
    TrapRoom["⚠️ Trap Room"]
    MonsterRoom["👹 Monster Room"]
    ExitRoom["🚪 Exit Room"]

    Entrance -->|north| Hallway
    Entrance -->|east| TreasureRoom

    Hallway -->|south| Entrance
    Hallway -->|north| MonsterRoom
    Hallway -->|west| TrapRoom

    TreasureRoom -->|west| Entrance
    TreasureRoom -->|north| TrapRoom

    TrapRoom -->|east| Hallway
    TrapRoom -->|south| TreasureRoom

    MonsterRoom -->|south| Hallway
    MonsterRoom -->|north| ExitRoom

    ExitRoom -->|locked| MonsterRoom
```

## Notes

- If your health drops to 0, the game ends.
- You need the `gold key` to unlock the exit door.
- Drinking a health potion will restore up to 50 HP (max 100).

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## To-Do / Ideas

- Add saving/loading game state
- Add more rooms and puzzles
- Web or GUI version
- Multiplayer support?

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## Author

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