Employee Info API using Spring Boot Auto Configuration

Directory Structure (auto-created by Spring Boot)

```
employee-api/
├── src/
│   ├── main/
│   │   ├── java/
│   │   │   └── com/
│   │   │       └── company/
│   │   │           └── employeeapi/
│   │   │               ├── EmployeeApiApplication.java
│   │   │               └── controller/
│   │   │                   └── EmployeeController.java
│   └── resources/
│       ├── application.properties
├── pom.xml
```

EmployeeApiApplication.java

```java
package com.company.employeeapi;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class EmployeeApiApplication {
    public static void main(String[] args) {
        SpringApplication.run(EmployeeApiApplication.class, args);
```

```
    }
}
```

controller/EmployeeController.java

```java
package com.company.employeeapi.controller;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.RestController;

import java.util.Map;

@RestController

public class EmployeeController {

    @GetMapping("/employee")

    public Map<String, Object> getEmployeeInfo() {

        return Map.of(

            "id", 101,

            "name", "John Doe",

            "department", "Engineering"

        );

    }

}
```

pom.xml

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

            http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>
```

```xml
<groupId>com.company</groupId>

<artifactId>employee-api</artifactId>

<version>1.0.0</version>

<packaging>jar</packaging>
<name>employee-api</name>
<description>Employee Info API using Spring Boot AutoConfiguration</description>


<parent>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-parent</artifactId>
  <version>3.2.4</version> <!-- or the latest compatible version -->
  <relativePath/>
</parent>


<dependencies>
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-web</artifactId>
  </dependency>
</dependencies>


<build>
  <plugins>
    <plugin>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-maven-plugin</artifactId>
    </plugin>
```

```
    </plugins>
  </build>
</project>
```

application.properties

```
spring.application.name=EmployeeAPI
server.port=8081
```

Expected JSON Output:

```json
{
  "id": 101,
  "name": "John Doe",
  "department": "Engineering"
}
```