

## Using Hibernate

```
public Integer addEmployee(Employee employee){
    Session session = factory.openSession();
    Transaction tx = null;
    Integer employeeID = null;

    try {
        tx = session.beginTransaction();
        employeeID = (Integer) session.save(employee);
        tx.commit();
    } catch (HibernateException e) {
        if (tx != null) tx.rollback();
        e.printStackTrace();
    } finally {
        session.close();
    }
    return employeeID;
}
```

## Using Spring Data JPA

### EmployeeRepository.java

```
public interface EmployeeRepository extends JpaRepository<Employee, Integer> {
}
```

### EmployeeService.java

```
@Service
public class EmployeeService {

    @Autowired
    private EmployeeRepository employeeRepository;

    @Transactional
    public void addEmployee(Employee employee) {
        employeeRepository.save(employee);
    }
}
```