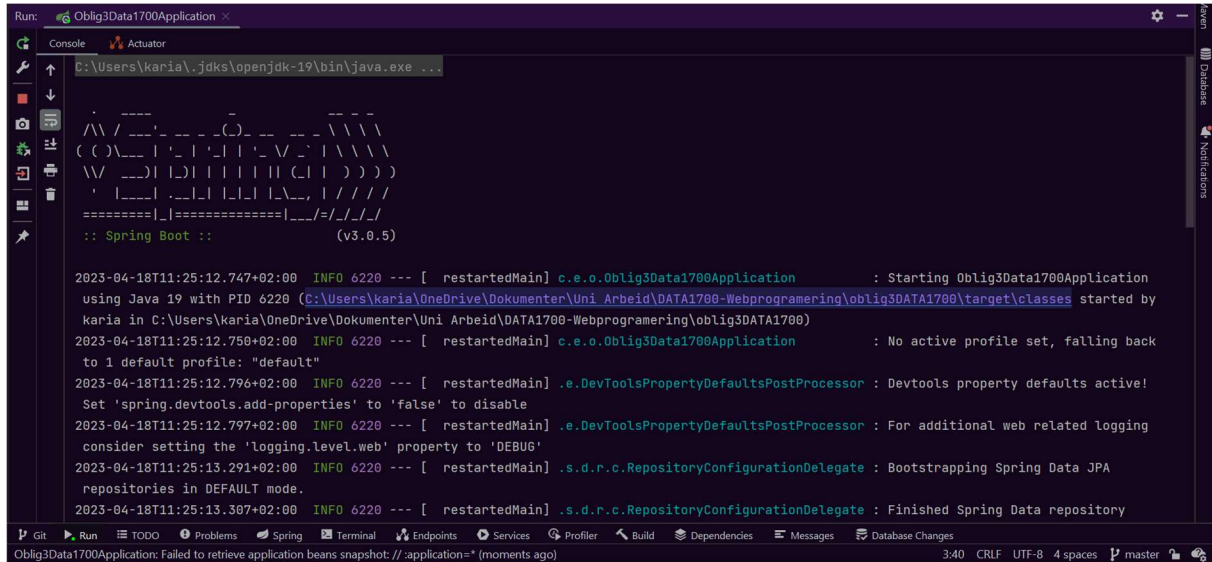


spring boot server running



## main page in browser with the form and the buttons

# Kinobilletter

Film:

Velg film her

Antall billetter:

Fornavn:

Etternavn:

Telefonnr:

Epost:

Kjøp billett

## Alle billetter

Film	Antall	Fornavn	Etternavn	Telefonnr	Epost
Parasite	3	Lise	Fredriksen	12345678	lise@fredriksen.no

**Slett alle bestillingene**

## Billett Repository

```
1 usage  Karianne
@Repository
public class BillettRepository {

    3 usages
    @Autowired
    private JdbcTemplate db;

    1 usage  Karianne
    public void lagreBillett(Billett innBillett){
        String sql = "INSERT INTO Billett (film, antall, fornavn, etternavn, telefonnr, epost) values (?, ?, ?, ?, ?, ?)";
        db.update(sql, innBillett.getFilm(), innBillett.getAntall(), innBillett.getFornavn(), innBillett.getEtternavn(), innBillett.getTelefonnr(), innBillett.getEpost());
    }

    1 usage  Karianne
    public List<Billett> hentAlleBilletter(){
        String sql = "SELECT * FROM Billett ORDER BY LOWER (etternavn)";
        List<Billett> alleBilletter = db.query(sql, new BeanPropertyRowMapper(Billett.class));
        return alleBilletter;
    }

    1 usage  Karianne
    public void slettAlleBilletter(){
        String sql = "DELETE FROM Billett";
        db.update(sql);
    }
}
```

## Controller

```
@RestController //dekorator
public class BillettController {

    3 usages
    @Autowired
    BillettRepository rep;

    Karianne
    @PostMapping("/lagre")
    public void lagreBillett(Billett innBillett) {
        rep.lagreBillett(innBillett);
    }

    Karianne
    @GetMapping("/hentAlle")
    public List<Billett> hentAlle() {
        return rep.hentAlleBilletter();
    }

    // for å tømme arraylisten
    Karianne
    @GetMapping("/nullstill")
    public void nullstill() {
        rep.slettAlleBilletter();
    }
}
```

## H2 console

jdbc:h2:mem:8930ccba-1198-4d... | Auto commit | Max rows: 1000 | Auto complete | Auto select: On |

jdbc:h2:mem:8930ccba-1198-4d... | BILLETT | INFORMATION\_SCHEMA | Users | H2 2.1.214 (2022-06-13)

Run | Run Selected | Auto complete | Clear | SQL statement:

```
SELECT * FROM billett
```

SELECT \* FROM billett;

ID	FILM	ANTALL	FORNAVN	ETTERNAVN	TELEFONNR	EPOST
1	Parasite	3	Lise	Fredriksen	12345678	lise@fredriksen.no
2	Everything Everywhere All At Once	4	Ola	Nordmann	87654321	ole@nordmann.no
3	Train To Busan	2	Marie	Olesen	4321578	marie@olesen.no

(3 rows, 2 ms)

## SQL Delete

DELETE billett;  
Update count: 3  
(1 ms)

## Sortere etter etternavn

SELECT \* FROM Billett ORDER BY LOWER (etternavn);

ID	FILM	ANTALL	FORNAVN	ETTERNAVN	TELEFONNR	EPOST
4	Parasite	3	Lise	Fredriksen	12345678	lise@fredriksen.no
5	Everything Everywhere All At Once	4	Ola	Nordmann	87654321	ole@nordmann.no
6	Train To Busan	2	Marie	Olesen	43215678	marie@olesen.no

(3 rows, 0 ms)