

```

1 package Gastkomponente;
2
3 public class GastTyp {
4
5     private Integer nr;
6     private String name;
7     private EmailTyp email;
8     private Boolean stammkunde;
9
10    private GastTyp(Integer nr, String name, EmailTyp email, Boolean stammkunde) {
11        this.nr = nr;
12        this.name = name;
13        this.email = email;
14        this.stammkunde = stammkunde;
15    }
16
17    public static GastTyp gast(Integer nr, String name, EmailTyp email,
18        Boolean stammkunde) {
19        return new GastTyp(nr, name, email, stammkunde);
20    }
21
22    public Integer nr() {
23        return nr;
24    }
25
26    public String name() {
27        return name;

```

```

55    public String toString() {
56        return "Gast(" + nr() + ", " + name() + ", " + istStammkunde() + ")";
57    }
58
59 }

```

```

28    }
29
30    public EmailTyp email() {
31        return email;
32    }
33
34    public Boolean istStammkunde() {
35        return stammkunde;
36    }
37
38    @Override
39    public int hashCode() {
40        long longBits = Double.doubleToLongBits(Double.valueOf(this.nr));
41        return (int) (longBits ^ (longBits >>> 32));
42    }
43
44    @Override
45    public boolean equals(Object obj) {
46        if (this == obj)
47            return true;
48        if (!(obj instanceof GastTyp))
49            return false;
50        GastTyp g = (GastTyp) obj;
51        return Integer.compare(g.nr(), nr()) == 0;
52    }
53
54    @Override

```