

```

1 public class Person //This class store name and id. this is parent class
2 {
3     protected String name;
4     protected String id;
5
6     public Person()
7     {
8         name = "not define";
9         id = "not define";
10    }
11
12    public Person (String newName, String newId)
13    {
14        name = newName;
15        id = newId;
16    }
17
18    public String getName()
19    {
20        return name;
21    }
22
23    public String getId()
24    {
25        return id;
26    }
27
28    public void setName(String newName)
29    {
30        name = newName;
31    }
32
33    public void setId(String newId)
34    {
35        id = newId;
36    }
37
38    public void set(String newName, String newId)
39    {
40        name = newName;
41        id = newId;
42    }
43
44    public String toString()
45    {
46        return "Name = " + name + " " + "id = " + id;
47    }
48
49    public boolean equals(Object o)
50    {
51        if (this == o) // self check
52            return true;
53        if (o == null) // null check
54            return false;
55        if (!(o instanceof Person)) // type check and cast
56            return false;
57
58        Person person = (Person) o;
59
60        return this.name.equals(person.name) //see if the person name and person
        id are match.
        && this.id.equals(person.id);
61    }
62
63
64
65 }

```