

```

1 package midtermExam01;
2
3 // Please see README.txt
4 // We will go over the answers in class.
5 // Thank you.
6
7 abstract class Person {
8
9     private final String name;
10
11     protected Person(String name) {
12         this.name = name;
13     }
14
15     public String getName() {
16         return this.name;
17     }
18
19     public void setName(String name) {
20         // this.name = name;
21     }
22 }
23
24 class Student extends Person {
25
26     public Student(String name) {
27         super(name);
28     }
29
30     public static void main(String[] args) {
31         Student stu = new Student("Mickey");
32         System.out.println(stu.getName());
33         stu.setName("Super Mouse");
34         System.out.println(stu.getName());
35     }
36 }
37
38 /* NETBEANS 9.x
39 run:
40 Mickey
41 Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - cannot assign
a value to final variable name
42     at midterm01Answers.Person.setName(MidtermAnswerB3.java:20)
43     at midterm01Answers.Student.main(MidtermAnswerB3.java:33)
44 C:\Users\ducta\AppData\Local\NetBeans\Cache\9.0\executor-snippets\run.xml:111: The following
error occurred while executing this line:
45 C:\Users\ducta\AppData\Local\NetBeans\Cache\9.0\executor-snippets\run.xml:68: Java returned: 1
46 BUILD FAILED (total time: 0 seconds)
47 */
48
49 /* NETBEANS 10.x
50 E:\Box
Sync\IDEs\NetBeansProjects\2020SP_CSC220_JAVA\src\midterm01Answers\MidtermAnswerB3.java:20:
error: cannot assign a value to final variable name
51     this.name = name;
52 1 error
53 BUILD FAILED (total time: 1 second)

```

```
54 */
55
56 /* NETBEANS 11.x
57 C:\Users\ducta\Box Sync\IDEs\NetBeansProjects\2020SP_CSC220_JAVA\src\MidtermAnswerB3.java:20:
58 error: cannot assign a value to final variable name
59     this.name = name;
60 1 error
61 BUILD FAILED (total time: 0 seconds)
62 */
```