

```

1
2 public class BuggyProgram01 {
3
4
5     public static Scanner input = new Scanner(System.in);
6
7     public static void main(String[] args) {
8
9         // This program is a letter grade calculator
10
11         System.out.print("Student First Name: ");
12         String firstName = input.next();
13
14         System.out.print("Student Last Name: ");
15         String lastName = input.nextLine();
16
17         System.out.print("Student's Grade: ");
18         int percentage = input.nextFloat();
19
20         String letterGrade;
21
22         if(percentage >= 90) {
23             letterGrade = "A";
24         } else if(percentage <= 80) {
25             letterGrade = "B";
26         } else if(percentage >= 70) {
27             letterGrade = "C";
28         } else if(percentage == 60) {
29             letterGrade = "D";
30         } else {
31             letterGrade = "F";
32
33
34         System.out.printf("%s %s %s received an %s", firstName, lastName, letterGrade);
35
36     }
37
38     /*
39     =====
40     Expected Output Samples:
41     =====
42
43     -----
44     Sample Output 1
45     -----
46     Student First Name: Minnie
47     Student Last Name: Mouse
48     Student's Grade:
49     92
50
51     Minnie Mouse received an A
52
53     -----
54     Sample Output 2
55     -----
56     Student First Name: Boss
57     Student Last Name: Baby
58     Student's Grade: 87
59     Boss Baby received an B
60
61     -----
62     Sample Output 3
63     -----
64     Student First Name: Baymax
65     Student Last Name: Hamada
66     Student's Grade: 75
67     Baymax Hamada received an C
68
69     -----

```

```
68     Sample Output 4
69     -----
70     Student First Name: Winnie
71     Student Last Name: Pooh
72     Student's Grade: 63
73     Winnie Pooh received an D
74
75
76     -----
77     Sample Output 5
78     -----
79     Student First Name: Otto
80     Student Last Name: Minion
81     Student's Grade: 23
82     Otto Minion received an F
83
84
85     */
86
87 }
```