

Example code

```
String X = "";  
  
X = keyboard.nextLine();  
  
if (X.equals("a")){  
  
    System.out.print("hello");  
  
}  
  
else if (X.equals("b")){  
  
    System.out.print("bye");  
  
}  
  
else {  
  
    System.out.print(yes);  
}
```

Explanation:

This segment of code asks for user input and depending on the input, it will print “hello”, “bye” or “no” depending on the String value which is assigned to X. This segment also demonstrates how using else if is very useful, for instead of defining a whole new if statement, one can instead have a fallback to their first statement that is still specific, unlike just “else”.

In the course of using if statements, an issue which I have regularly encountered is my use of “==” in if statements when pertaining to string values. This results in the conditional never being fired. However, by using “.equals()” this problem is resolved for it is the correct method.

