slip15

```
import java.util.Scanner;

public class s15q1 {
    public static void main(String[] args) {
        String[] names = {"John", "Alice", "Bob", "Eve", "Charlie"};
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a name to search: ");
        String searchName = scanner.nextLine();

        int index = -1;
        for (int i = 0; i < names.length; i++) {
            if (names[i].equals(searchName)) {
                index = i;
                break;
            }
        }

        if (index != -1) {
            System.out.println("Name found at index " + index);
        } else {
            System.out.println("Name not found in the array");
        }
    }
}
```

```
import java.awt.*;

public class SmileyFaceApplet extends java.applet.Applet {
   public void paint(Graphics g) {
      g.setColor(Color.YELLOW);
      g.fillOval(50, 50, 100, 100); // face

      g.setColor(Color.BLACK);
      g.fillOval(70, 70, 10, 10); // left eye
      g.fillOval(120, 70, 10, 10); // right eye

      g.drawArc(80, 90, 40, 30, 0, -180); // smile
   }
}
<html>
 <body>
  <applet code="SmileyFaceApplet.class" width="200" height="200">
  </applet>
 </body>
</html>
```

```
class Student:
   def __init__(self, student_name, marks):
      self.student_name = student_name
```

```
        self.marks = marks

    def display(self):
        print(f"Student Name: {self.student_name}, Marks: {self.marks}")


s1 = Student("John Doe", 85)

print("Original values:")
s1.display()

s1.student_name = "Jane Doe"
s1.marks = 90

print("\nModified values:")
s1.display()
```

```
def removeodd(input_string):
    result = "".join([input_string[i] for i in range(len(input_string)) if i % 2 == 0])
    return result

def main():
    user_input = input("Enter a string: ")

    modified_string = removeodd(user_input)

    print("String after removing characters with odd index values:", modified_string)
```

main()