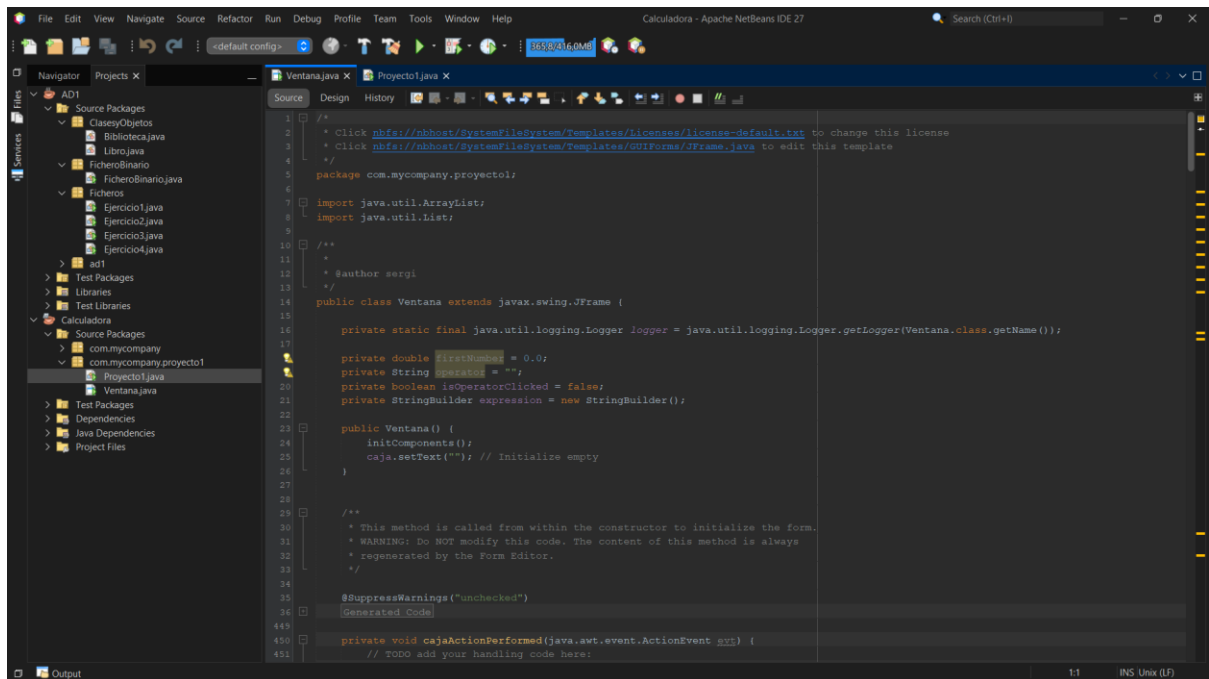
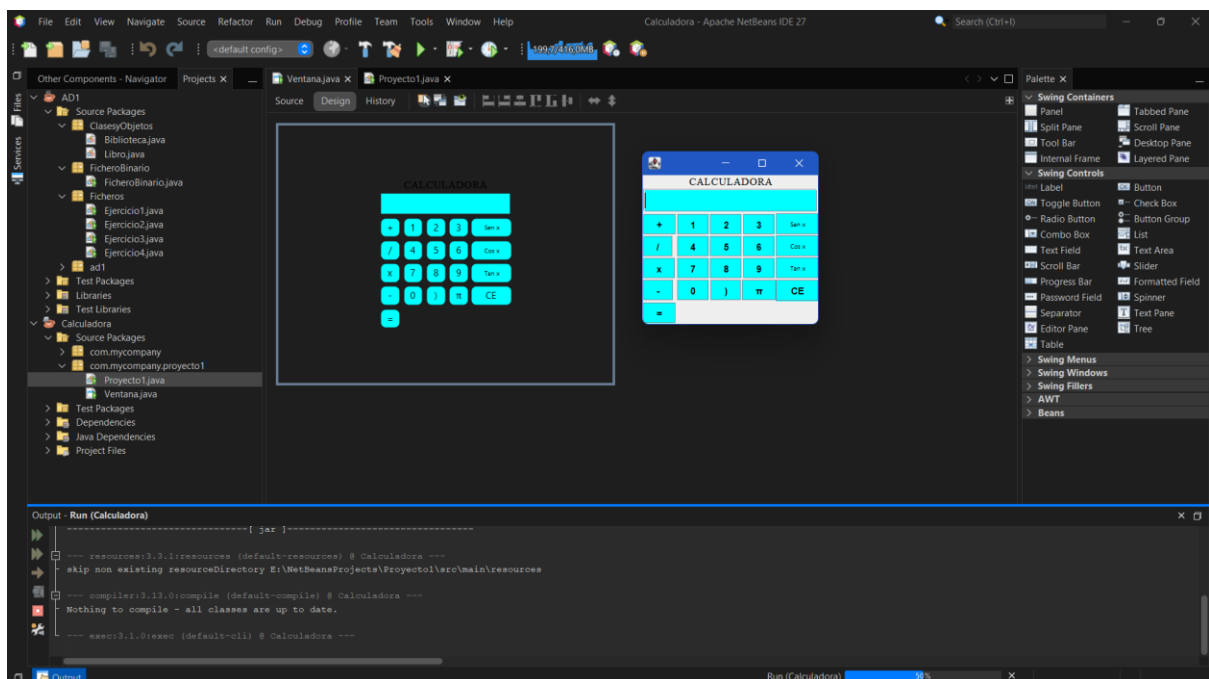


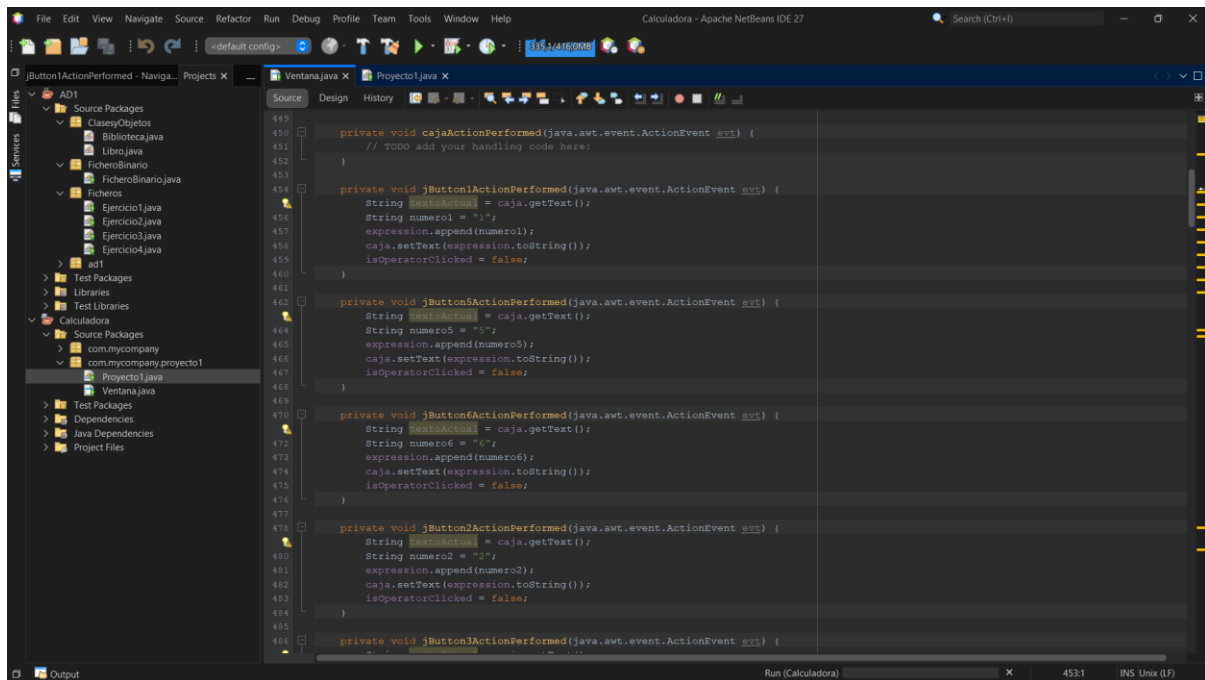
Seccion principal donde se ponen los paquetes y empieza el codigo:



Previsualizacion de la ventana y la ventana al lado

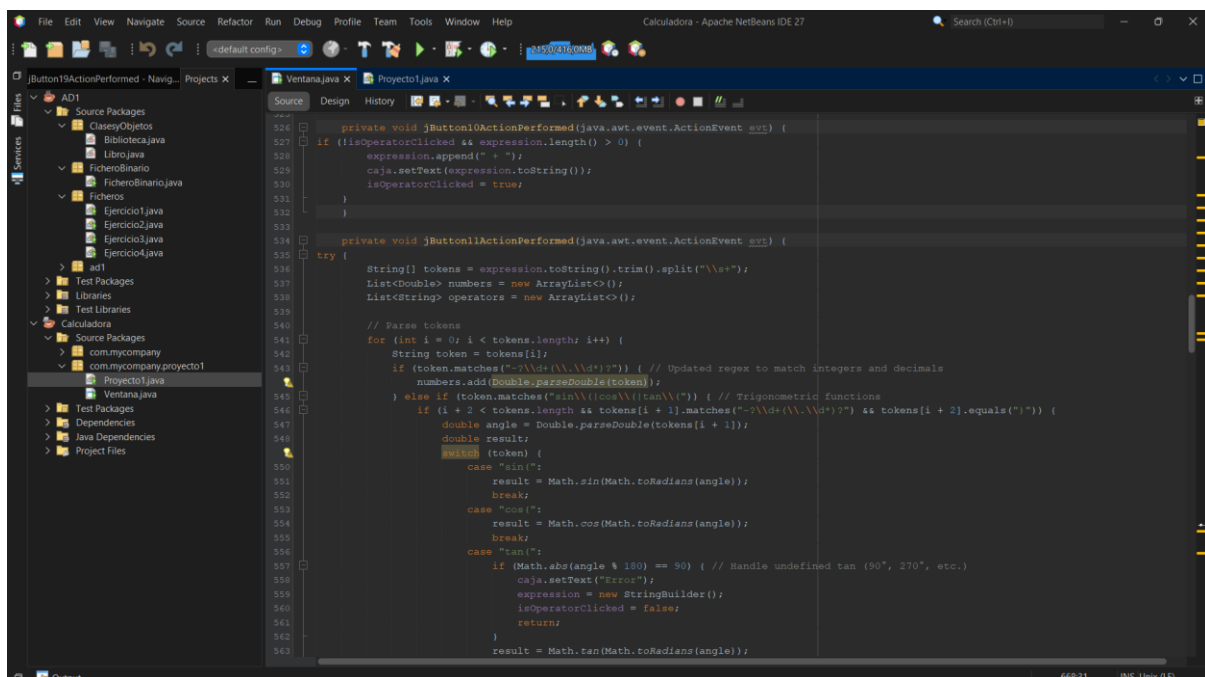


Una parte de la seccion donde se muestran los numeros:



```
449 private void cajaActionPerformed(java.awt.event.ActionEvent evt) {
450     // TODO add your handling code here:
451 }
452
453 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
454     String numero1 = caja.getText();
455     expression.append(numero1);
456     caja.setText(expression.toString());
457     isOperatorClicked = false;
458 }
459
460 private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
461     String numero5 = caja.getText();
462     expression.append(numero5);
463     caja.setText(expression.toString());
464     isOperatorClicked = false;
465 }
466
467 private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
468     String numero6 = caja.getText();
469     expression.append(numero6);
470     caja.setText(expression.toString());
471     isOperatorClicked = false;
472 }
473
474 private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
475     String numero2 = caja.getText();
476     expression.append(numero2);
477     caja.setText(expression.toString());
478     isOperatorClicked = false;
479 }
480
481 private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
```

Jbutton10 para la suma y el Jbutton11 para mostrar el resultado utilizando el .Math para las operaciones trigonometricas y usando operadores.Tambien se evalua si se usa entre * o / al igual que se evalua si se usa + o - .



```
524 private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {
525     if (!isOperatorClicked && expression.length() > 0) {
526         expression.append(" ");
527         caja.setText(expression.toString());
528         isOperatorClicked = true;
529     }
530 }
531
532 private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {
533     try {
534         String[] tokens = expression.toString().trim().split("\\s+");
535         List<Double> numbers = new ArrayList<>();
536         List<String> operators = new ArrayList<>();
537
538         // Parse tokens
539         for (int i = 0; i < tokens.length; i++) {
540             String token = tokens[i];
541             if (token.matches("-?\\d+(\\.\\d+)?")) { // Updated regex to match integers and decimals
542                 numbers.add(Double.parseDouble(token));
543             } else if (token.matches("sin\\(|cos\\(|tan\\(|")) { // Trigonometric functions
544                 double angle = Double.parseDouble(tokens[i + 1]);
545                 double result;
546                 switch (token) {
547                     case "sin(":
548                         result = Math.sin(Math.toRadians(angle));
549                         break;
550                     case "cos(":
551                         result = Math.cos(Math.toRadians(angle));
552                         break;
553                     case "tan(":
554                         if (Math.abs(angle % 180) == 90) { // Handle undefined tan (90°, 270°, etc.)
555                             caja.setText("Error");
556                             expression = new StringBuilder();
557                             isOperatorClicked = false;
558                             return;
559                         }
560                         result = Math.tan(Math.toRadians(angle));
561                     }
562                 }
563             }
```

Pi con 3,14 y el resto de botones con sus expresiones:

