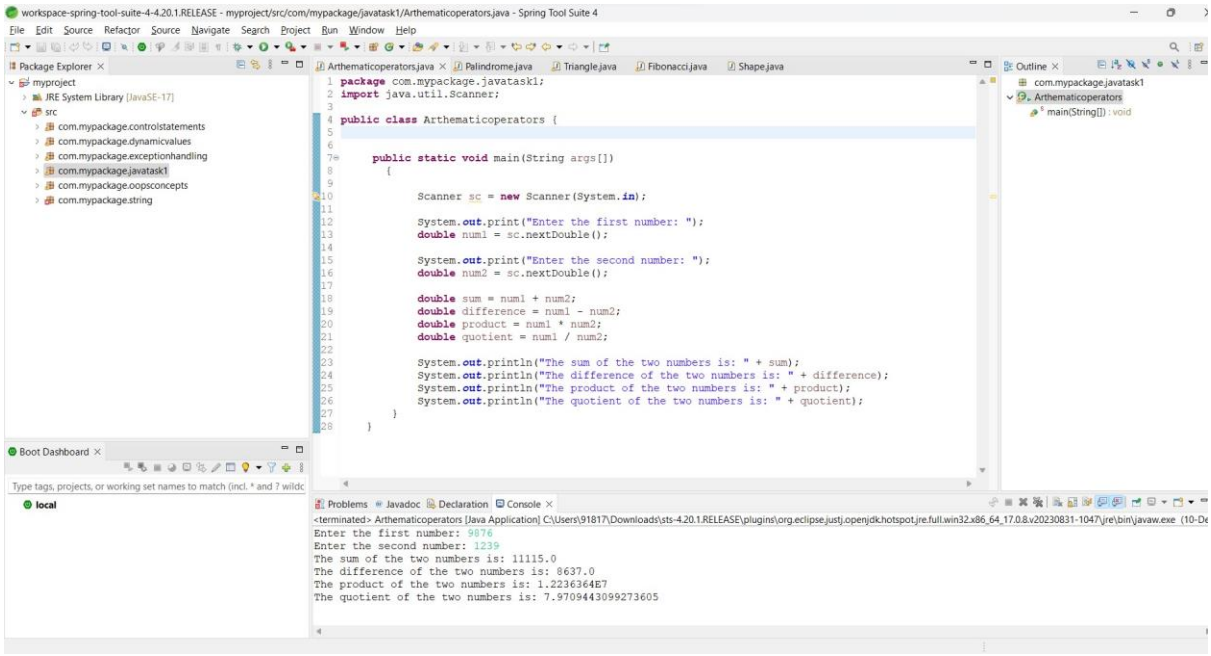
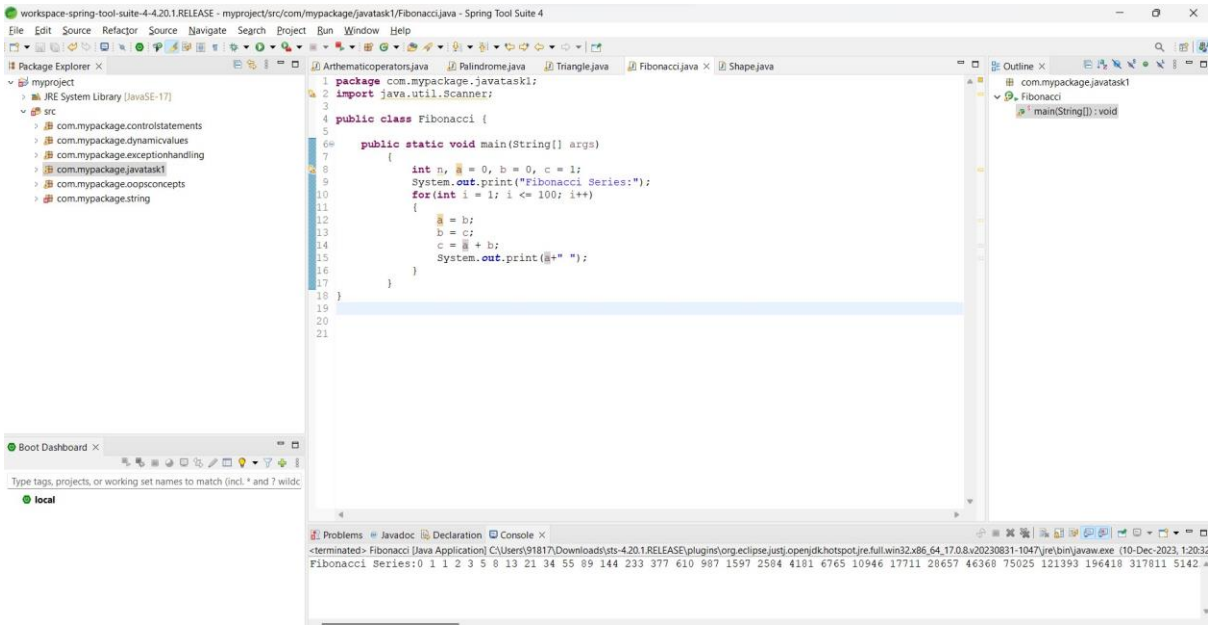
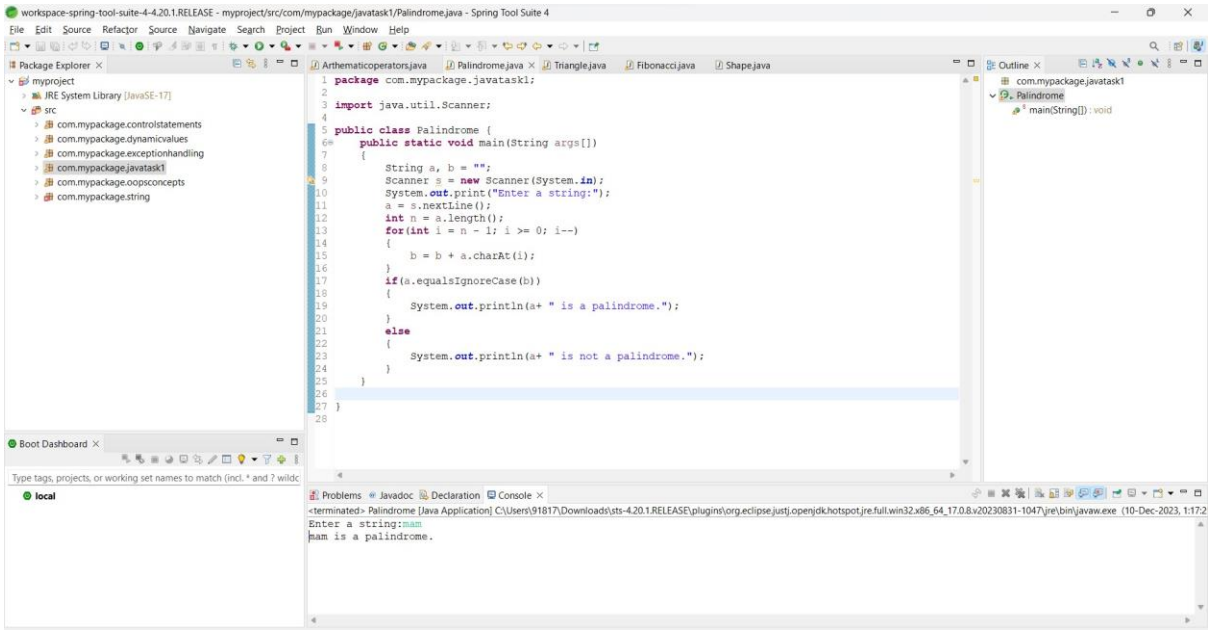
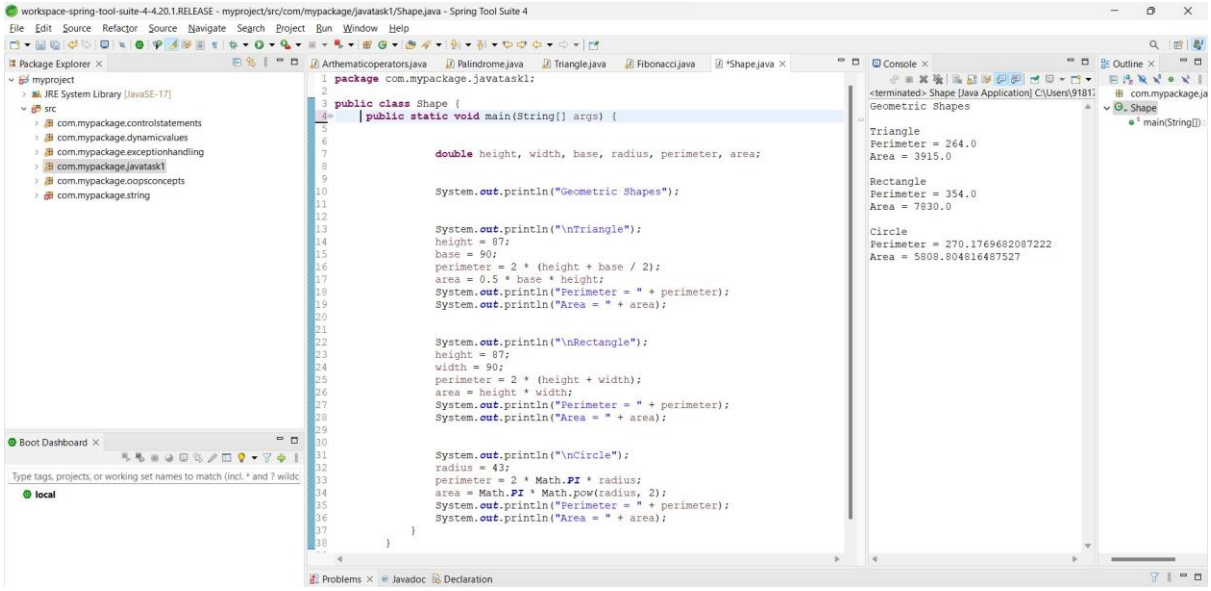
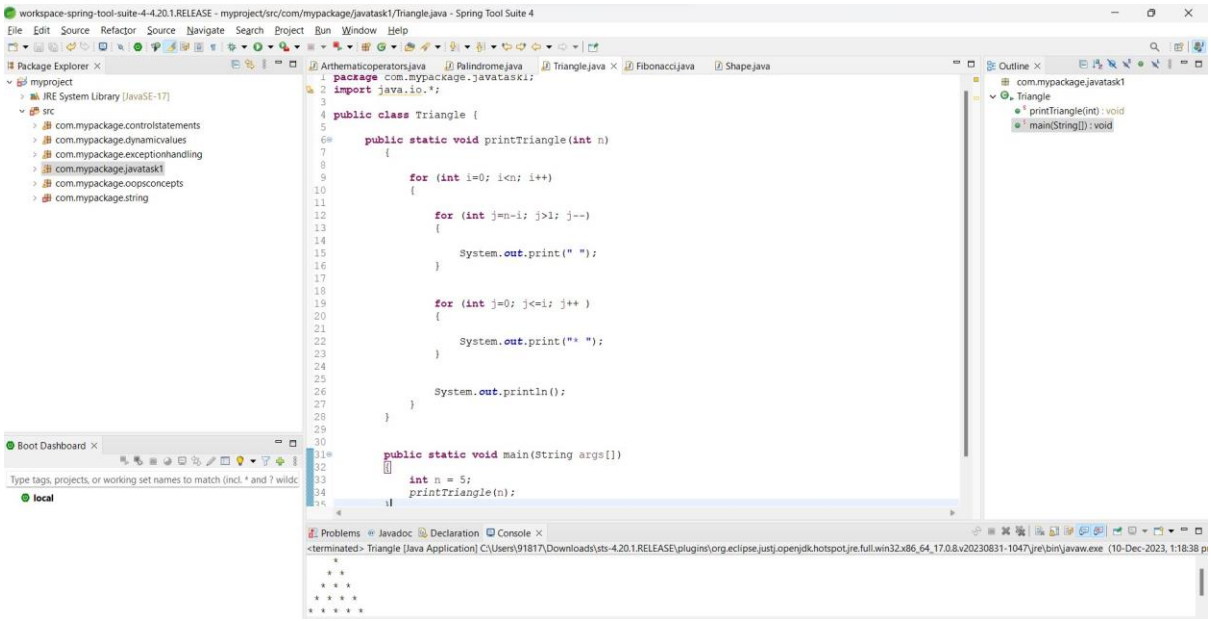
Day -1


workspace-spring-tool-suite-4-4.20.1.RELEASE - myproject/src/com/mypackage/javatask1/Arthematicoperators.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
myproject
JRE System Library [JavaSE-17]
src
com.mypackage.controlstatements
com.mypackage.dynamicvalues
com.mypackage.exceptionhandling
com.mypackage.javatask1
com.mypackage.oopsconcepts
com.mypackage.string
Arthematicoperators.java
Palindrome.java
Triangle.java
Fibonacci.java
Shape.java
package com.mypackage.javatask1;
import java.util.Scanner;
public class Arthematicoperators {
public static void main(String args[])
{
Scanner sc = new Scanner(System.in);
System.out.print("Enter the first number: ");
double num1 = sc.nextDouble();
System.out.print("Enter the second number: ");
double num2 = sc.nextDouble();
double sum = num1 + num2;
double difference = num1 - num2;
double product = num1 * num2;
double quotient = num1 / num2;
System.out.println("The sum of the two numbers is: " + sum);
System.out.println("The difference of the two numbers is: " + difference);
System.out.println("The product of the two numbers is: " + product);
System.out.println("The quotient of the two numbers is: " + quotient);
}
}
Outline
com.mypackage.javatask1
Arthematicoperators
main(String[]) : void
Boot Dashboard
local
Problems Javadoc Declaration Console
<terminated> Arthematicoperators [Java Application] C:\Users\91817\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe
Enter the first number: 9876
Enter the second number: 1239
The sum of the two numbers is: 11115.0
The difference of the two numbers is: 8637.0
The product of the two numbers is: 1.2236364E7
The quotient of the two numbers is: 7.97094430992736O5


workspace-spring-tool-suite-4-4.20.1.RELEASE - myproject/src/com/mypackage/javatask1/Fibonacci.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
myproject
JRE System Library [JavaSE-17]
src
com.mypackage.controlstatements
com.mypackage.dynamicvalues
com.mypackage.exceptionhandling
com.mypackage.javatask1
com.mypackage.oopsconcepts
com.mypackage.string
Arthematicoperators.java
Palindrome.java
Triangle.java
Fibonacci.java
Shape.java
package com.mypackage.javatask1;
import java.util.Scanner;
public class Fibonacci {
public static void main(String[] args)
{
int n, a = 0, b = 0, c = 1;
System.out.print("Fibonacci Series:");
for(int i = 1; i <= 100; i++)
{
a = b;
b = c;
c = a + b;
System.out.print(a+" ");
}
}
}
Outline
com.mypackage.javatask1
Fibonacci
main(String[]) : void
Boot Dashboard
local
Problems Javadoc Declaration Console
<terminated> Fibonacci [Java Application] C:\Users\91817\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe
Fibonacci Series:0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 5142


workspace-spring-tool-suite-4-4.20.1.RELEASE - myproject/src/com/mypackage/javatask1/Palindrome.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
myproject
JRE System Library [JavaSE-17]
src
com.mypackage.controlstatements
com.mypackage.dynamicvalues
com.mypackage.exceptionhandling
com.mypackage.javatask1
com.mypackage.oopsconcepts
com.mypackage.string
Boot Dashboard
local
Arthematicoperators.java
Palindrome.java
Triangle.java
Fibonacci.java
Shape.java
package com.mypackage.javatask1;
import java.util.Scanner;
public class Palindrome {
public static void main(String args[])
{
String a, b = "";
Scanner s = new Scanner(System.in);
System.out.print("Enter a string:");
a = s.nextLine();
int n = a.length();
for(int i = n - 1; i >= 0; i--)
{
b = b + a.charAt(i);
}
if(a.equalsIgnoreCase(b))
{
System.out.println(a+ " is a palindrome.");
}
else
{
System.out.println(a+ " is not a palindrome.");
}
}
}
Outline
com.mypackage.javatask1
Palindrome
main(String[]) : void
Problems Javadoc Declaration Console
<terminated> Palindrome [Java Application] C:\Users\91817\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (10-Dec-2023, 1:17:2
Enter a string:mam
mam is a palindrome.


workspace-spring-tool-suite-4-4.20.1.RELEASE - myproject/src/com/mypackage/javatask1/Shape.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
myproject
JRE System Library [JavaSE-17]
src
com.mypackage.controlstatements
com.mypackage.dynamicvalues
com.mypackage.exceptionhandling
com.mypackage.javatask1
com.mypackage.oopsconcepts
com.mypackage.string
Boot Dashboard
local
Arthematicoperators.java
Palindrome.java
Triangle.java
Fibonacci.java
*Shape.java
package com.mypackage.javatask1;
public class Shape {
public static void main(String[] args) {
double height, width, base, radius, perimeter, area;
System.out.println("Geometric Shapes");
System.out.println("\nTriangle");
height = 87;
base = 90;
perimeter = 2 * (height + base / 2);
area = 0.5 * base * height;
System.out.println("Perimeter = " + perimeter);
System.out.println("Area = " + area);
System.out.println("\nRectangle");
height = 87;
width = 90;
perimeter = 2 * (height + width);
area = height * width;
System.out.println("Perimeter = " + perimeter);
System.out.println("Area = " + area);
System.out.println("\nCircle");
radius = 43;
perimeter = 2 * Math.PI * radius;
area = Math.PI * Math.pow(radius, 2);
System.out.println("Perimeter = " + perimeter);
System.out.println("Area = " + area);
}
}
Console
<terminated> Shape [Java Application] C:\Users\9181
Geometric Shapes
Triangle
Perimeter = 264.0
Area = 3915.0
Rectangle
Perimeter = 354.0
Area = 7830.0
Circle
Perimeter = 270.1769682087222
Area = 5808.804816487527
Outline
com.mypackage.ja
Shape
main(String[])
Problems Javadoc Declaration


workspace-spring-tool-suite-4-4.20.1.RELEASE - myproject/src/com/mypackage/javatask1/Triangle.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
myproject
JRE System Library [JavaSE-17]
src
com.mypackage.controlstatements
com.mypackage.dynamicvalues
com.mypackage.exceptionhandling
com.mypackage.javatask1
com.mypackage.oopsconcepts
com.mypackage.string
Boot Dashboard
Type tags, projects, or working set names to match (incl. * and ? wildc
local
Arthematicoperators.java
Palindrome.java
Triangle.java
Fibonacci.java
Shape.java
1 package com.mypackage.javataski;
2 import java.io.*;
3
4 public class Triangle {
5
6 public static void printTriangle(int n)
7 {
8
9 for (int i=0; i<n; i++)
10 {
11
12 for (int j=n-i; j>1; j--)
13 {
14
15 System.out.print(" ");
16 }
17
18
19 for (int j=0; j<=i; j++)
20 {
21
22 System.out.print("* ");
23 }
24
25
26 System.out.println();
27 }
28 }
29
30
31 public static void main(String args[])
32 {
33 int n = 5;
34 printTriangle(n);
35 }
Outline
com.mypackage.javatask1
Triangle
printTriangle(int) : void
main(String[]) : void
Problems Javadoc Declaration Console
<terminated> Triangle [Java Application] C:\Users\91817\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (10-Dec-2023, 1:18:38 p
*
* *
* * *
* * * *
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