```java
package Lab2;

import java.util.Scanner;

public class Exercise1 {

    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);

        System.out.print("Enter the radius of a circle: ");

        int r = s.nextInt();

        double area = 3.1415 * r * r;

        System.out.printf("Area = %.2f", area);
    }
}
```

```java
package Lab2;

import java.util.Scanner;

public class Exercise2 {

    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);

        System.out.print("Enter 3 numbers: ");

        int num2 = s.nextInt(), num3 = s.nextInt();

        int greatest = s.nextInt();

        if (num2 > greatest)
            greatest = num2;
        else if (num3 > greatest)
            greatest = num3;

        System.out.println("Greatest: " + greatest);
    }
}
```

```
/home/weston/.jdks/openjdk-17.0.2/bin/java -javaagent
Sum: 55 Average: 5.50
    1    2    3    4    5    6    7    8    9   10
    2    4    6    8   10   12   14   16   18   20
    3    6    9   12   15   18   21   24   27   30
    4    8   12   16   20   24   28   32   36   40
    5   10   15   20   25   30   35   40   45   50
    6   12   18   24   30   36   42   48   54   60
    7   14   21   28   35   42   49   56   63   70
    8   16   24   32   40   48   56   64   72   80
    9   18   27   36   45   54   63   72   81   90
   10   20   30   40   50   60   70   80   90  100
   11   22   33   44   55   66   77   88   99  110
   12   24   36   48   60   72   84   96  108  120
   13   26   39   52   65   78   91  104  117  130
   14   28   42   56   70   84   98  112  126  140
   15   30   45   60   75   90  105  120  135  150

Process finished with exit code 0
```

```java
package Lab2;

public class Exercise3 {

    static void sum(int... nums) {
        int sum = 0;

        for (int n : nums) {
            sum += n;
        }

        double average = (double) sum / nums.length;

        System.out.printf("Sum: %d Average: %.2f\n", sum, average);
    }

    static void mult(int n) {
        for (int i = 1; i <= n; i++) {
            for (int j = 1; j <= 10; j++) {
                System.out.printf("%5d", i * j);
            }
            System.out.println();
        }
    }

    public static void main(String[] args) {
        sum(1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
        mult(15);
    }
}
```