}
// Guess the output of this code snippet.

SECTION 3: Lamborghini Exercise:

Instructions:

1. **Complete Each Program:** Write a Java program for each of the tasks listed below.
2. **Test Your Code:** Make sure your code runs correctly and produces the expected output.
3. **Submit Your Solutions:** Provide the complete code for each task along with sample output.

Tasks:

1. Write a program to calculate the sum of the first 50 natural numbers.
2. Write a program to compute the factorial of the number 10.
3. Write a program to print all multiples of 7 between 1 and 100.
4. Write a program to reverse the digits of the number 1234. The output should be 4321.
5. Write a program to print the Fibonacci sequence up to the number 21.
6. Write a program to find and print the first 5 prime numbers.
7. Write a program to calculate the sum of the digits of the number 9876. The output should be 30 (9 + 8 + 7 + 6).
8. Write a program to count down from 10 to 0, printing each number.
9. Write a program to find and print the largest digit in the number 4825.
10. Write a program to print all even numbers between 1 and 50.
11. Write a Java program to demonstrate the use of both pre-increment and post-decrement operators in a single expression
12. Write a program to draw the following pattern:

```
*****
*****
*****
*****
*****
```

13. Write a program to print the following pattern:

```
1
2*2
3*3*3
4*4*4*4
5*5*5*5*5
5*5*5*5*5
4*4*4*4
3*3*3
2*2
```

14. Write a program to print the following pattern:

```
*
**
***
*****
*******
*********
```

15. Write a program to print the following pattern:

```
    *
   **
  ***
 ****
*****
```

16. Write a program to print the following pattern:

```
    *
   ***
  *****
 *******
*********
```

17. Write a program to print the following pattern:

```
*****
 ****
  ***
   **
    *
```

18. Write a program to print the following pattern:

```
    *
   ***
  *****
 *******
  *****
   ***
    *
```

19. Write a program to print the following pattern:

```
1
1*2
1*2*3
1*2*3*4
1*2*3*4*5
```

20. Write a program to print the following pattern:

```
5
5*4
5*4*3
5*4*3*2
5*4*3*2*1
```

21. Write a program to print the following pattern:

```
1
1*3
1*3*5
1*3*5*7
1*3*5*7*9
```

22. Write a program to print the following pattern:

```
*********
 *******
  *****
   ***
    *
   ***
  *****
 *******
*********
```

23. Write a program to print the following pattern:

```
11111
22222
33333
44444
55555
```

24. Write a program to print the following pattern:

```
1
22
333
4444
55555
```

25. Write a program to print the following pattern:

```
1
12
123
1234
12345
```

26. Write a program to print the following pattern:

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15