

0. Introduction

Resources:

Data types

Prefix and postfix operators

Do-while vs while

Order of a for loop

Problems

1. What are primitive data types?
2. Is `int[]` a primitive data type (explain why)?
3. What is the difference between a float and a double?
4. Why does snippet 1 produce a compilation error?

Snippet 1:

```
1 final int a = 1;
2 a = 5;
3 System.out.println(a);
```

5. What is the difference between snippet 2 and 3?

Snippet 2:

```
1 int a = 3;
2 System.out.println(a--);
```

Snippet 3:

```
1 int a = 3;
2 System.out.println(--a);
```

6. What is the difference between do-while loop and while loop?
7. In what order is a for loop executed?