



ACADGILD

SESSION 3: OOPs, METHODS & CONSTRUCTORS

Assignment 1

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1. Introduction

This assignment will test your knowledge on finding errors in code (if any) and debugging.

2. Objective

This assignment will help you to master the following concepts:

- Debugging
- Static keyword

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

What will happen if you try to compile and run this?

```
public class Test{  
    static{  
        print(10);  
    }  
    static void print (int x) {  
        System.out.println (x);  
        System.exit(0);  
    }  
}
```

6. Expected Output

Output must be one of the following:

- a. Compiler error.
- b. Will throw a NoSuchMethod error at runtime.
- c. It will compile and run printing out "10"
- d. It will run with no output.
- e. It will run and print "10" and then crash with an error

7. Approximate Time to Complete Task

20 mins