

JAVA



ACADGILD

SESSION 2: CONTROL STRUCTURES

Assignment 3

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1. Introduction

This assignment will test your skills on Loops and nested loops, typecasting.

2. Objective

This assignment will help you to master the following concepts:

- Loops
- Nesting of Loops
- Typecasting

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

Write a program to print the following pattern:

```
  a
 a b a
a b c b a
  a b a
    a
```

6. Expected Output

```
  a
 a b a
a b c b a
  a b a
    a
```

7. Approximate Time to Complete Task

30 mins