

## Java S18 Class 6 HW

Write a Java Program to solve each one of the problem. Please name your project as **mention in each question**. Save all your project into one folder called **firtstname\_lastname\_C6\_HW** and compress he folder and upload it Google Class Room

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### Q1) Monogram.Java

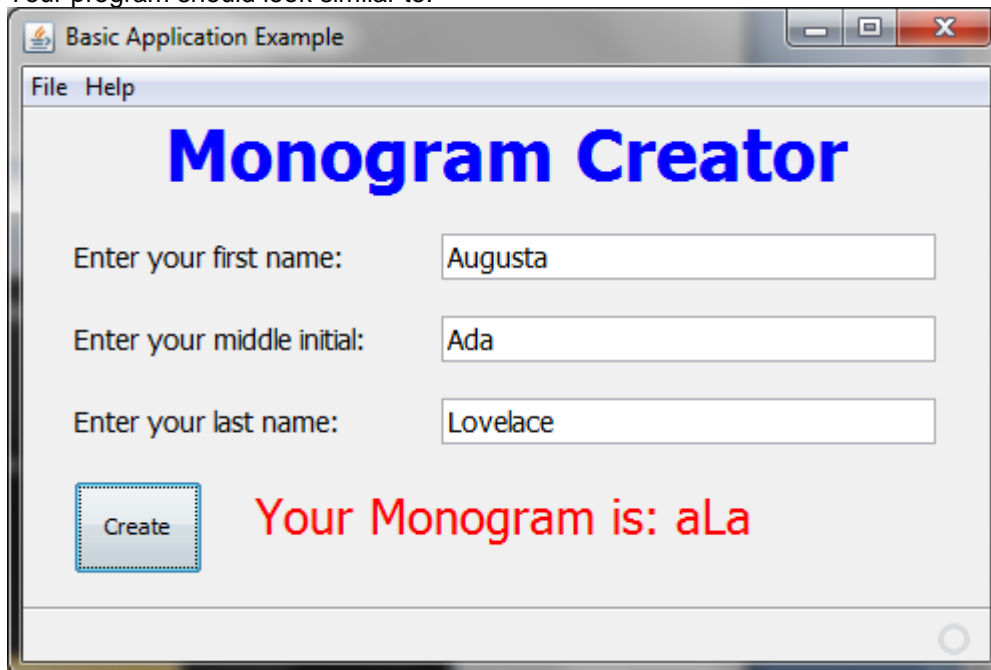
Create a Monogram application that prompts a user for:

- First name
- Middle name
- Last name.

The program should then display a monogram with the first and middle initials in lowercase and the last initial in upper case. Notice that the last initial is displayed in the middle.



Your program should look similar to:



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### Q2) Password.Java

Create a password program that prompts a user for:

- A username
- A password (at least 8 characters long).

When an acceptable password has been entered, a random number between 1 and 100 should be added to the password.

The username and password are then to be converted to all lowercase letters and the appropriate message is to be displayed.



### Sample Output – Password Rejected

A screenshot of a Java application window titled "Basic Application Example". The window has a menu bar with "File" and "Help". The main content area has a title "Password Program" in blue. Below the title, there are two input fields. The first is labeled "Enter a username:" and contains the text "AdaLovelace". The second is labeled "Enter a password:" and contains the text "Program". Below the password field, there is a note "(at least 8 characters)". Below the password field, there is a button labeled "Generate Password". At the bottom of the window, there is a red text message that says "Password must be at least 8 characters long".

### Sample Output – Password Accepted

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