Write a program to check the entered username is valid or not. Get both the inputs from the user.

CODE:

import java.util.Scanner;

public class ValidateUsername {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input

System.out.print("Enter a username: ");

String username = scanner.nextLine();

// Check validity

if (isValidUsername(username)) {

System.out.println("Entered username is valid.");

} else {

System.out.println("Entered username is not valid.");

}

scanner.close();

}

private static boolean isValidUsername(String username) {

// Rules for a valid username (you can modify these rules based on your requirements)

// 1. Should not be empty

// 2. Should contain only alphanumeric characters and underscores

// 3. Should start with a letter

// 4. Length should be between 3 and 20 characters

if (username.isEmpty() || !username.matches("^[a-zA-Z][a-zA-Z0-9\_]{2,19}$")) {

return false;

}

return true;

}

}

OUTPUT:

C:\javap>javac ValidateUsername.java

C:\javap>java ValidateUsername

Enter a username: aashrita29

Entered username is valid.

