

STRING CLASS — REAL LIFE BASED QUESTIONS

1 Write a Java program to check whether a given username is valid or not.

👉 The username should not contain any space and must be at least 6 characters long.

2 Write a Java program to check whether an entered email ID is valid.

👉 The email must contain '@' and end with ".com".

3 Write a Java program to verify an OTP entered by the user.

👉 Compare entered OTP with the actual OTP and ignore case sensitivity.

4 Write a Java program to check whether a given website URL is secure.

👉 A URL is considered secure if it starts with "https://".

5 Write a Java program to check the strength of a password.

👉 The password should contain at least one uppercase letter, one digit, and must be 8 or more characters long.

6 Write a Java program to format the user's full name properly.

👉 Example: input "nitin tiwari" → output "Nitin Tiwari".

7 Write a Java program to filter bad words from a chat message.

👉 Replace words like "bad" or "stupid" with "*".

8 Write a Java program to check the file type entered by the user.

👉 Print "Image File" if the file name ends with .jpg or .png, otherwise print "Not an image file".

9 Write a Java program to check whether an SMS message exceeds the limit of 160 characters or not.

10 Write a Java program to check whether a given name or word is a palindrome or not.

👉 Example: input "madam" → output "Palindrome".