

## 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".