

Substitution Cipher Technique

Grade settings: Maximum grade: 100

Disable external file upload, paste and drop external content: Yes

Run: Yes **Evaluate:** Yes

Automatic grade: Yes **Maximum execution time:** 32 s

Ava sitting in the first row wants to send a secret message to her friend Mia who is sitting in the last row. She wrote a secret message in a piece of paper and passed it through her classmates. Ava has used a substitution cipher technique where every letter is replaced with the 7th alphabet before the letter in the alphabet series. Since Mia already knows the technique she easily got the exact message.

The encrypted text (input) may have numbers or special characters along with letters. If so, ignore those and convert only the letters. If space occurs between the words of input, it must occur in output also. If no letters, then there is "No hidden message".

Develop a java application that accepts the secret message to decrypt and print the actual message to the screen. Input consists of the encrypted text.

Note:

In the Sample Input / Output provided, the highlighted text in bold corresponds to the input given by the user and the remaining text represents the output.

Adhere to the code template, if provided.

Sample Input 1

Enter the encrypted text:

Pukph

Sample Output 1

Decrypted text:

India

Sample Input 2

Enter the encrypted text:

Z23hcl @d\$3#haly

Sample Output 2

Decrypted text:

Save water

Sample Input 3

Enter the encrypted text:

@67\$89##^^

Sample Output 3

No hidden message
