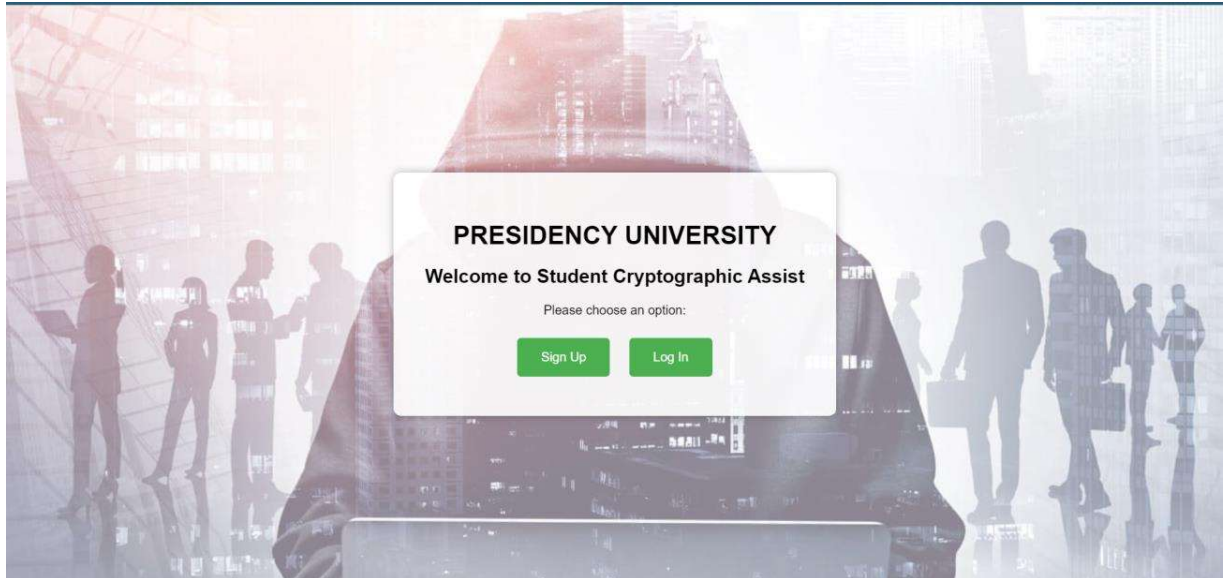


4. RESULTS WITH SCREENSHOT

Index page with sign up and login



Sign up page with all the cases of signing a user into database

*a valid student email address of presidency university

The screenshot displays the sign-up form, which is titled 'Accessible only to School of Engineering students'. The form includes the following fields and options:

- Name:** A text input field containing 'chetan'.
- Date of Birth:** A date picker showing '17-08-2003'.
- College Email ID:** A text input field containing 'CHETAN.20211BBA0625@presidencyuniversity.in'. Below this field is a red error message: 'Please enter a valid email in the format: chetan.20211cse0625@presidencyuniversity.in'.
- Current Year of Study:** A text input field containing '2024'.
- Stream:** A dropdown menu showing 'computer science and enginee'.
- Current Semester:** A dropdown menu showing '6'.
- Gender:** Radio buttons for 'Male' (selected), 'Female', and 'Other'.
- Password:** A text input field with masked characters '*****'.
- Show Password:** A checkbox that is currently unchecked.
- Password Requirements:** A note stating 'Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.' Below this, a green indicator shows 'Strong (13 or more characters)'.

Sign Up
Accessible only to School of Engineering students

Name: chetan Date of Birth: 17-08-2003

College Email ID: CHETAN.20211CSE0625@GMAIL.COM
Please enter a valid email in the format: chetan.20211cse0625@presidencyuniversity.in

Current Year of Study: 2024

Stream: computer science and enginee Current Semester: 6

Gender: ☒ Male ☐ Female ☐ Other

Password:
☐ Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Strong (13 or more characters)

Cases on entering a valid and strong password

Sign Up
Accessible only to School of Engineering students

Name: chetan Date of Birth: 17-08-2003

College Email ID: CHETAN.20211CSE0625@presidencyuniversity.in

Current Year of Study: 2024

Stream: computer science and enginee Current Semester: 6

Gender: ☒ Male ☐ Female ☐ Other

Password: chetan
☒ Show Password
Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.
Password cannot contain your name

Sign Up

Sign Up

Accessible only to School of Engineering students

Name Date of Birth

College Email ID

Current Year of Study

Stream Current Semester

Gender ☒ Male ☐ Female ☐ Other

Password

☒ Show Password

Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.

Weak (Minimum 8 characters)

[Sign Up](#)

Snipping Tool

Screenshot copied to clipboard and saved

Select here to mark up and share.

Sign Up

Accessible only to School of Engineering students

Name Date of Birth

College Email ID

Current Year of Study

Stream Current Semester

Gender ☒ Male ☐ Female ☐ Other

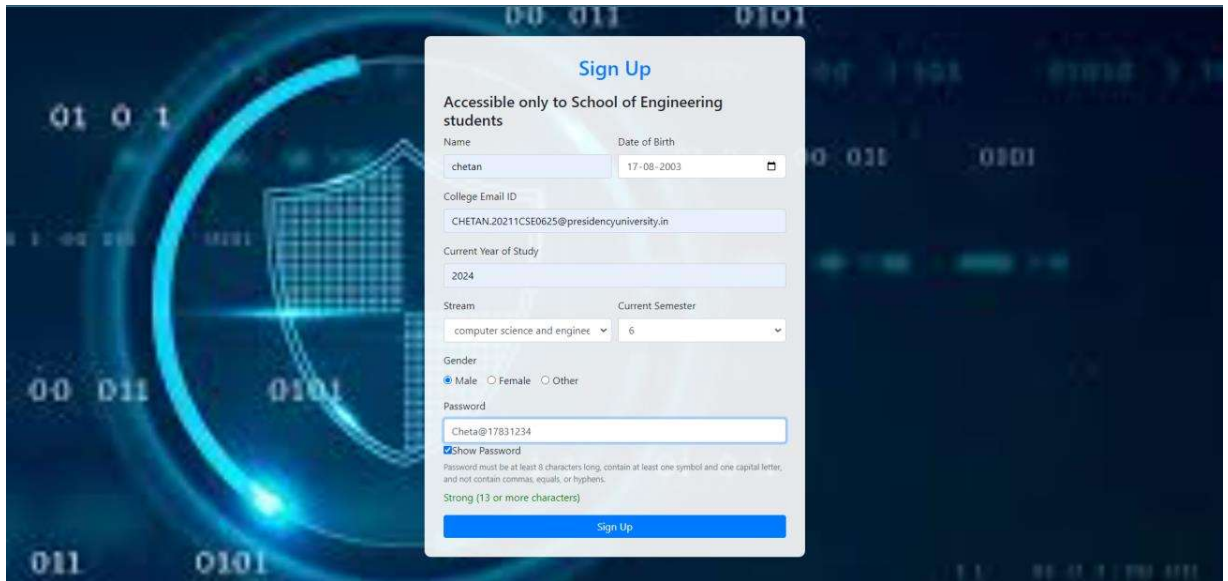
Password

☒ Show Password

Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.

Moderate (8-12 characters)

[Sign Up](#)

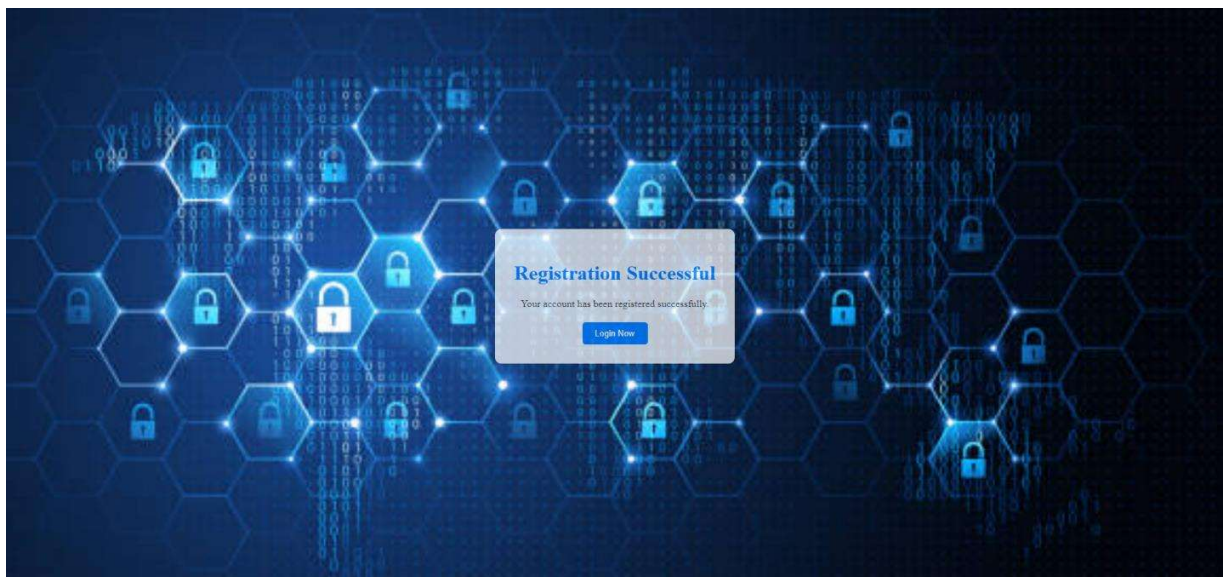


The image shows a 'Sign Up' form overlaid on a dark blue background with binary code and a glowing shield icon. The form is titled 'Sign Up' and includes a note: 'Accessible only to School of Engineering students'. The fields are as follows:

Field	Value
Name	chetan
Date of Birth	17-08-2003
College Email ID	CHETAN.20211CSE0625@presidencyuniversity.in
Current Year of Study	2024
Stream	computer science and enginee
Current Semester	6
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Other
Password	Cheta@17831234

Below the password field, there is a checkbox for 'Show Password' and a note: 'Password must be at least 8 characters long, contain at least one symbol and one capital letter, and not contain commas, equals, or hyphens.' A green indicator shows 'Strong (13 or more characters)'. A blue 'Sign Up' button is at the bottom.

Successful sign in page that redirects to login page



Proof of user successfully registered in the database

```
mysql> use cy_sec;
Database changed
mysql> show tables;
+-----+
| Tables_in_cy_sec |
+-----+
| details           |
+-----+
1 row in set (0.05 sec)
```

```
mysql> desc details;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name       | varchar(30)   | NO   |     | NULL    |       |
| dob        | varchar(10)   | NO   |     | NULL    |       |
| email      | varchar(255)  | NO   | PRI | NULL    |       |
| year       | varchar(4)    | NO   |     | NULL    |       |
| stream     | varchar(20)   | NO   |     | NULL    |       |
| semester   | varchar(2)    | NO   |     | NULL    |       |
| gender     | varchar(10)   | NO   |     | NULL    |       |
| password   | varchar(30)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.01 sec)
```

```
mysql> select * from details;
Empty set (0.04 sec)
```

```
mysql>
```

```
mysql> use cy_sec;
Database changed
mysql> show tables;
+-----+
| Tables_in_cy_sec |
+-----+
| details           |
+-----+
1 row in set (0.05 sec)

mysql> desc details;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name   | varchar(30) | NO   |     | NULL    |       |
| dob    | varchar(10) | NO   |     | NULL    |       |
| email  | varchar(255) | NO   | PRI | NULL    |       |
| year   | varchar(4)  | NO   |     | NULL    |       |
| stream | varchar(20) | NO   |     | NULL    |       |
| semester | varchar(2) | NO   |     | NULL    |       |
| gender | varchar(10) | NO   |     | NULL    |       |
| password | varchar(30) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.01 sec)

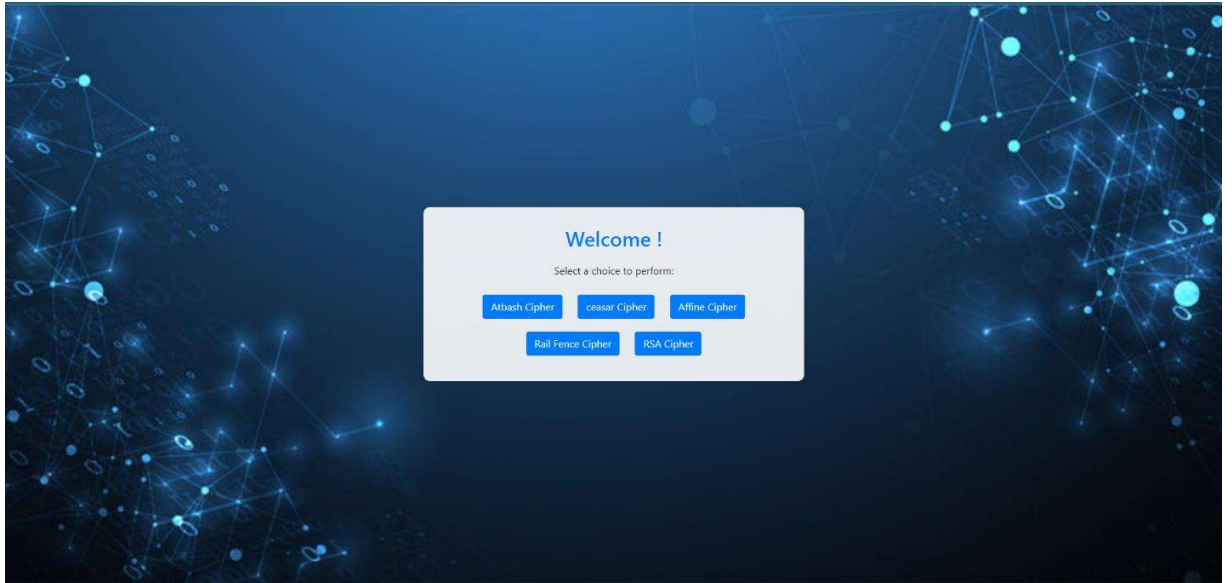
mysql> select * from details;
Empty set (0.04 sec)

mysql> select * from details;
+-----+-----+-----+-----+-----+-----+-----+-----+
| name | dob | email | year | stream | semester | gender | password |
+-----+-----+-----+-----+-----+-----+-----+-----+
| chetan | 2003-08-17 | CHETAN.20211CSE0625@presidencyuniversity.in | 2024 | CSE | 6 | male | Cheta@17831234 |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.04 sec)
mysql>
```

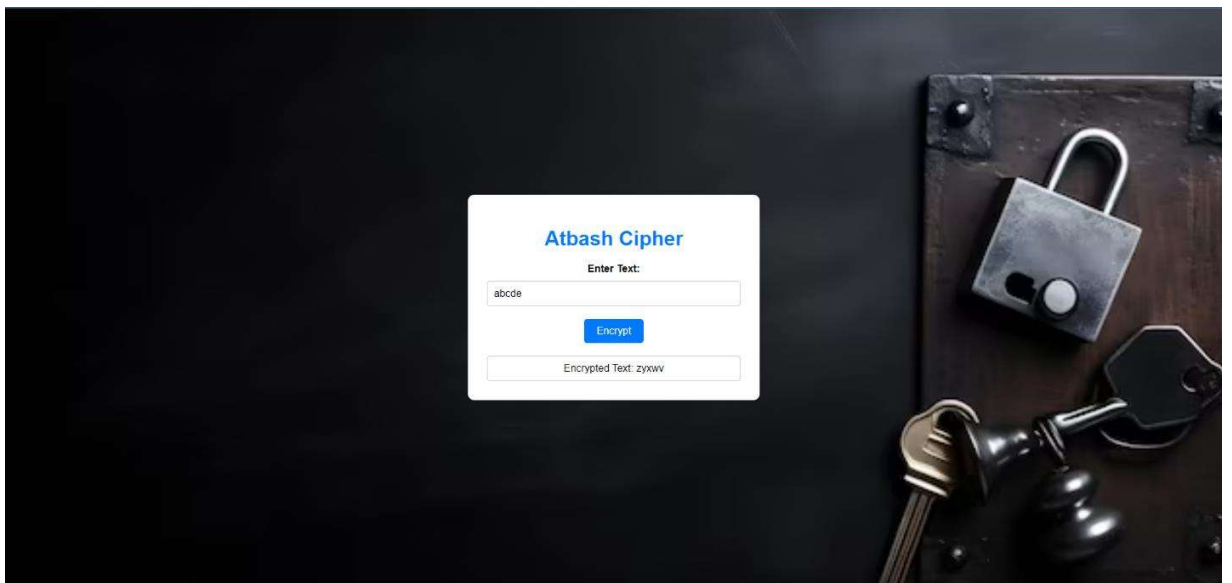
Login page where user can log in with only its own credentials and not with others



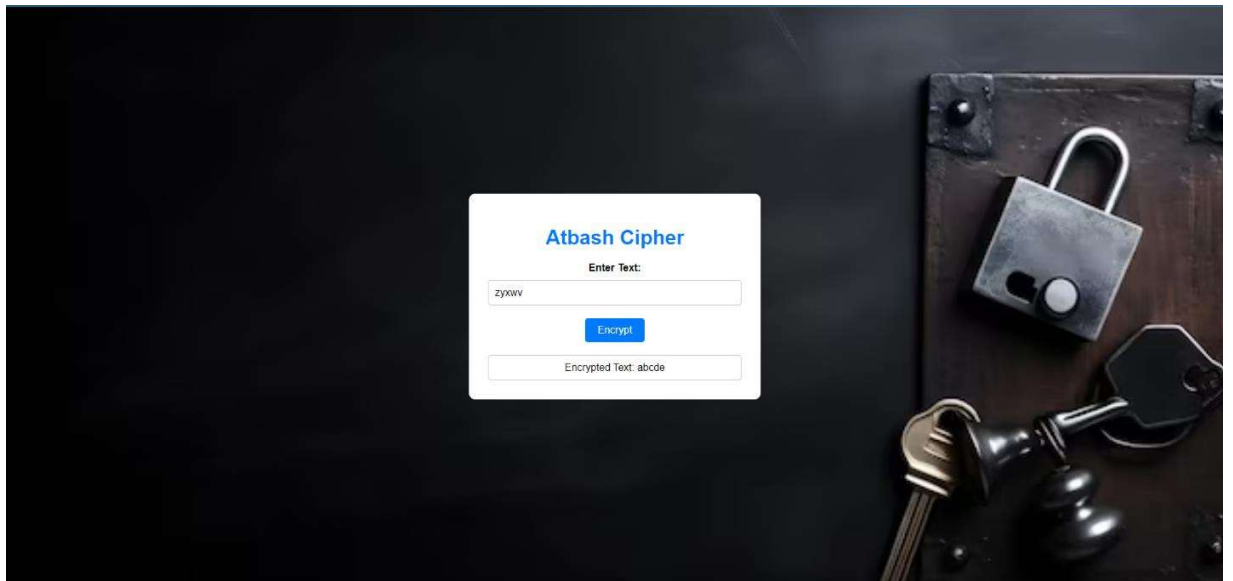
Home page with options to perform respective ciphers



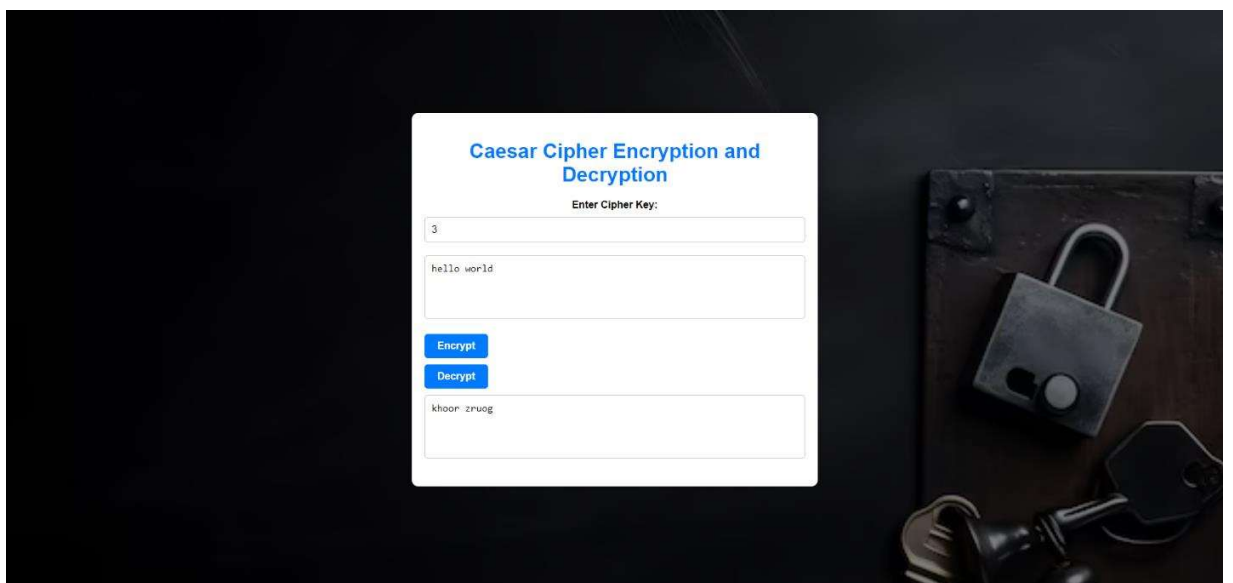
Atbash encrypt



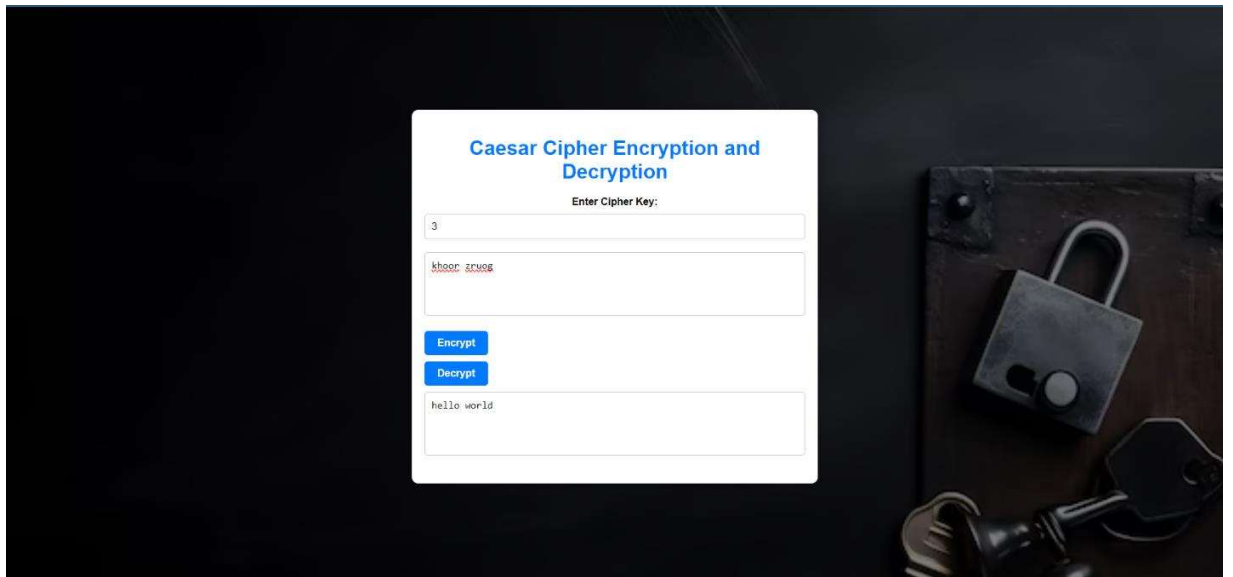
Atbash decrypt



ceasar encrypt



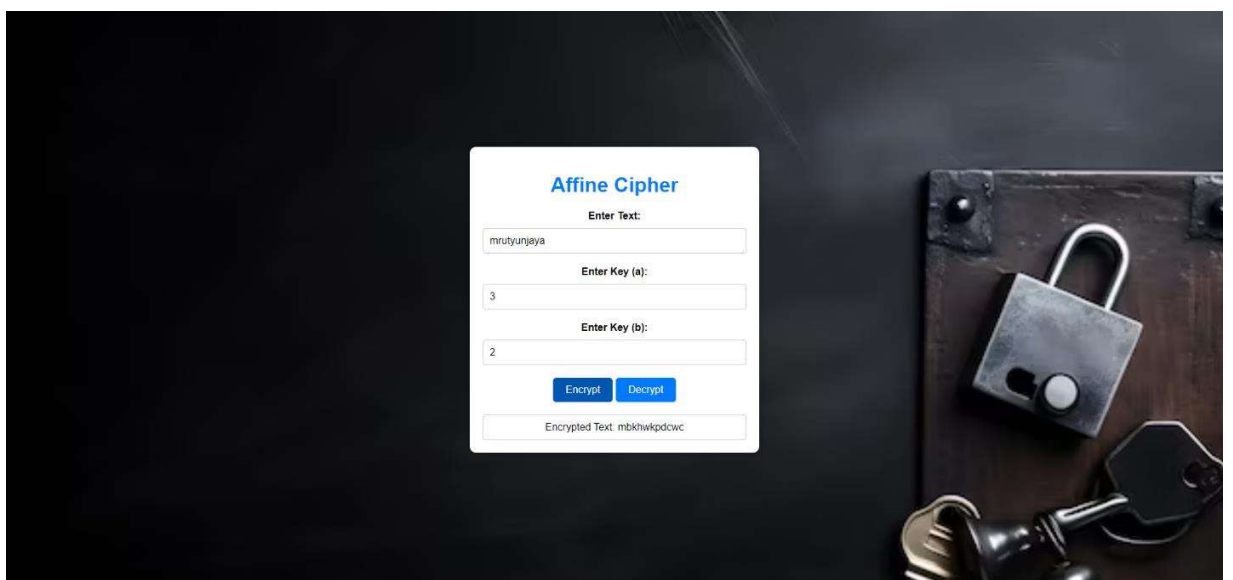
ceasar decrypt



The image shows a web application titled "Caesar Cipher Encryption and Decryption". It features a dark background with a white form in the center. To the right of the form is a decorative image of a metal padlock and keys on a dark surface. The form has the following fields and buttons:

- Title: Caesar Cipher Encryption and Decryption
- Field: Enter Cipher Key: (value: 3)
- Field: (value: khoo: zcuog)
- Buttons: Encrypt, Decrypt
- Field: (value: hello world)

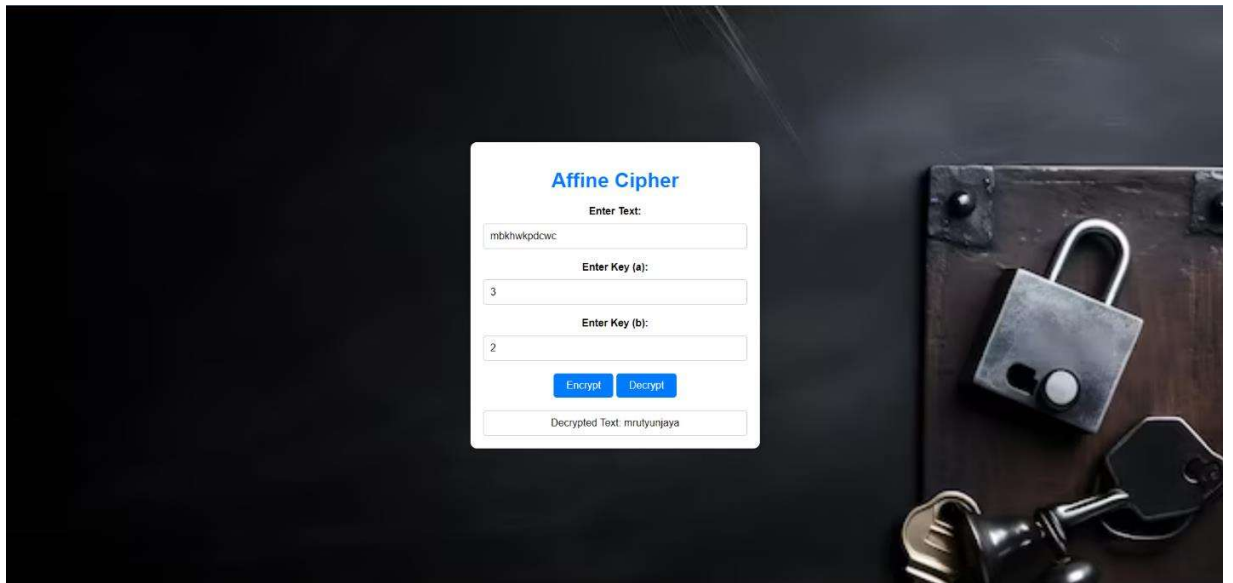
Affine encrypt



The image shows a web application titled "Affine Cipher". It features a dark background with a white form in the center. To the right of the form is a decorative image of a metal padlock and keys on a dark surface. The form has the following fields and buttons:

- Title: Affine Cipher
- Field: Enter Text: (value: mrutyunjaya)
- Field: Enter Key (a): (value: 3)
- Field: Enter Key (b): (value: 2)
- Buttons: Encrypt, Decrypt
- Field: Encrypted Text: (value: mbkhkwpdcw)

Affine decrypt



A screenshot of a web application titled "Affine Cipher". The interface is set against a dark background with a padlock and keys on the right. The form includes a title, an "Enter Text:" input field with the value "mbkhwkpcwc", an "Enter Key (a):" input field with the value "3", and an "Enter Key (b):" input field with the value "2". Below these are "Encrypt" and "Decrypt" buttons. At the bottom, a "Decrypted Text:" field displays the result "mrutyunjaya".

Affine Cipher

Enter Text: mbkhwkpcwc

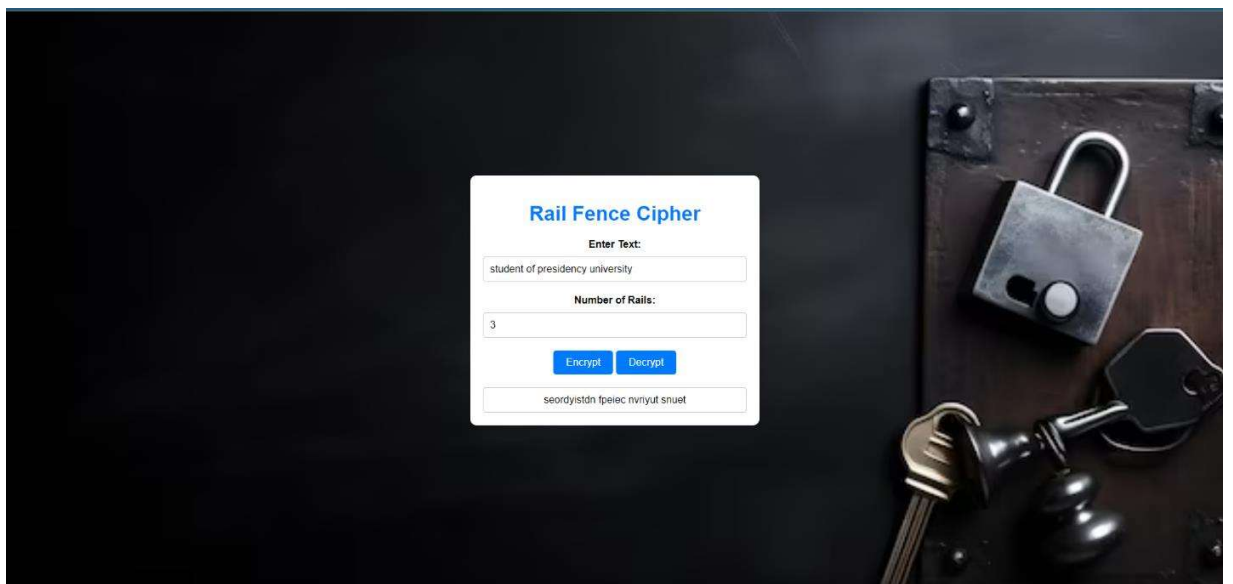
Enter Key (a): 3

Enter Key (b): 2

Encrypt Decrypt

Decrypted Text: mrutyunjaya

Railfence encrypt



A screenshot of a web application titled "Rail Fence Cipher". The interface is set against a dark background with a padlock and keys on the right. The form includes a title, an "Enter Text:" input field with the value "student of presidency university", and a "Number of Rails:" input field with the value "3". Below these are "Encrypt" and "Decrypt" buttons. At the bottom, a field displays the encrypted result "seordystdn fpeiec nvryut snuet".

Rail Fence Cipher

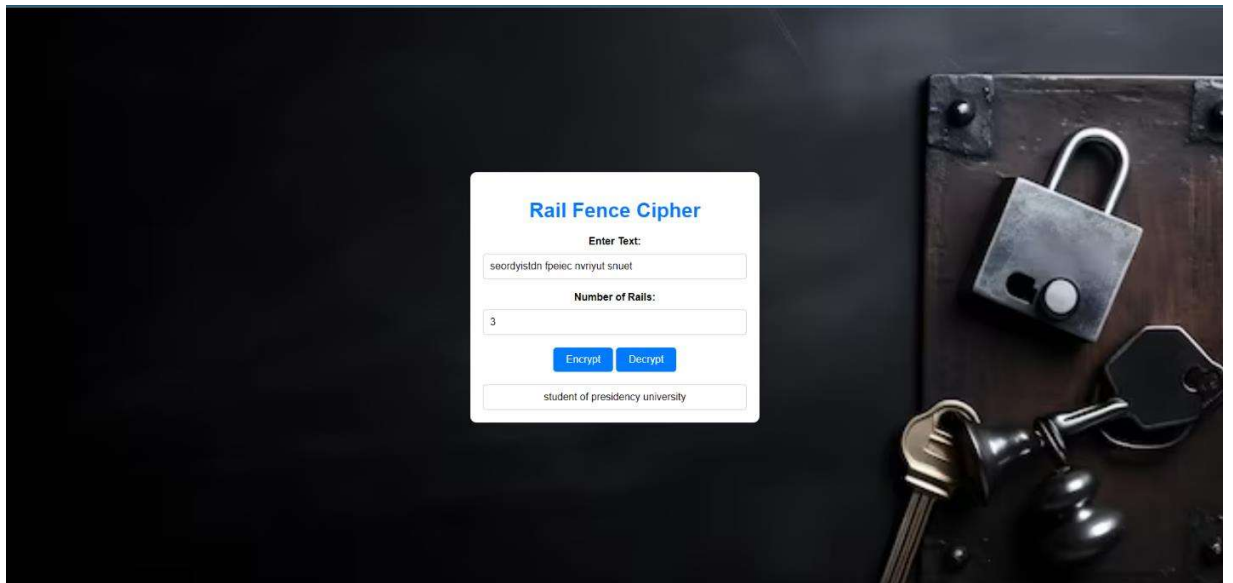
Enter Text: student of presidency university

Number of Rails: 3

Encrypt Decrypt

seordystdn fpeiec nvryut snuet

Railfence decrypt



RSA encrypt and decrypt (performed within the code)

