

String Encryption (Unicode-Shifting) - Homework1

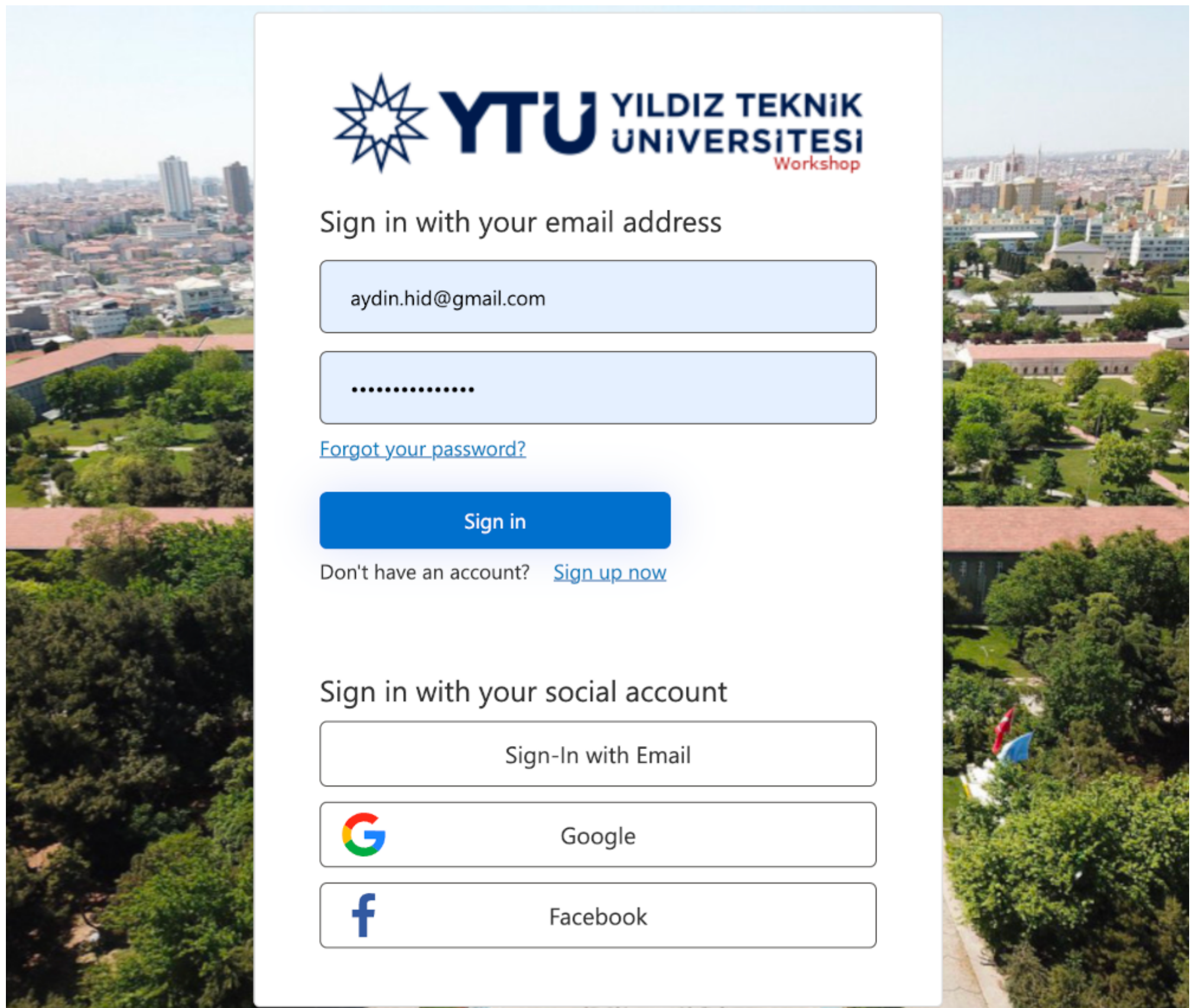
1. Setup configuration

- **Please go to the link below to access the application**
 - <https://azfunc-string-encryption.azurewebsites.net/home>
- Follow the steps below to run in the local environment
 - [Download nodeJs 18 and above](#)
 - Downloading the project from github
 - <https://github.com/hidayet-aydin/string-encryption>
 - Go to the project directory
 - Open terminal
 - Install all packages
 - `$ npm i`
 - Running local server
 - `npm run dev`
 - Open your browser and go to
 - <http://localhost:3001/>

2. Usage

2.1. SignUp & SignIn

In online usage, a login page welcomes the user. There is no login page in local use



2.2. Plain Text

A random lorem ipsum text comes to the plain text field. An optional text can be pasted into this field.

Plain Text

Ut ab natus voluptatum corrupti quia et. Corporis dolorum eos architecto eos ame. Totam aliquam fugiat eligendi eum.Facilis accusamus libero natus numquam maiores. Amet fuga officia est et ut non aliquam. Harum sit minima doloribus eveniet aperiam a distinctio natus. Facilis modi reprehenderit dolor adipisci et. At cum soluta dolorum qui. Ut a ipsum dignissimos iure sed amet rerum accusamus. At cum soluta dolorum qui.

Encryption with Shifting

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🔑 ENCRYPT IT!

📊 HISTOGRAM

2.3. Encryption with Shifting

Plain Text

Eveniet quae sint harum qui sint rerum qui. Ducimus aut cum enim deleniti sunt. At cum soluta dolorum qui. Vel a porro nihil omnis et. Provident odio harum ut tenetur qui. Quia et enim perferendis enim perferendis. Sed odio necessitatibus est sapiente aut ut voluptas. Quo minima dolorum ea culpa. Sed odio necessitatibus est sapiente aut ut voluptas. Voluptatibus vitae placeat voluptas.

Encryption with Shifting

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🔑 ENCRYPT IT!

📊 HISTOGRAM

%J{jsnjy%vzfj%xnsy%mfwzr%vzn%xnsy%wjwzr%vzn3%Izhnrzx%fzy%hxr%jsnr%ijqjsnyn%xzsy3%Fy%hxr%xtqzyf%itqtwzr%vzn3%
[jq%f%utwwt%snmnq%trsnx%jy3%Uwt{nijsy%tint%mfwzr%zy%yjsjyzw%vzn3%Vznf%jy%jsnr%ujwkjwjsinx%jsnr%ujwkjwjsinx3%Xji%tint%sjhjxxnyfyngzx%jxy%xfunjsyj%fzy%zy%
{tqzuyfx3%Vzt%rnsnrf%itqtwzr%jfhzquf3%Xji%tint%sjhjxxnyfyngzx%jxy%xfunjsyj%fzy%zy%
{tqzuyfx3%[tqzuyfyngzx%{nyfj%uqfhjfy%{tqzuyfx3

2.4. Histogram Drawing

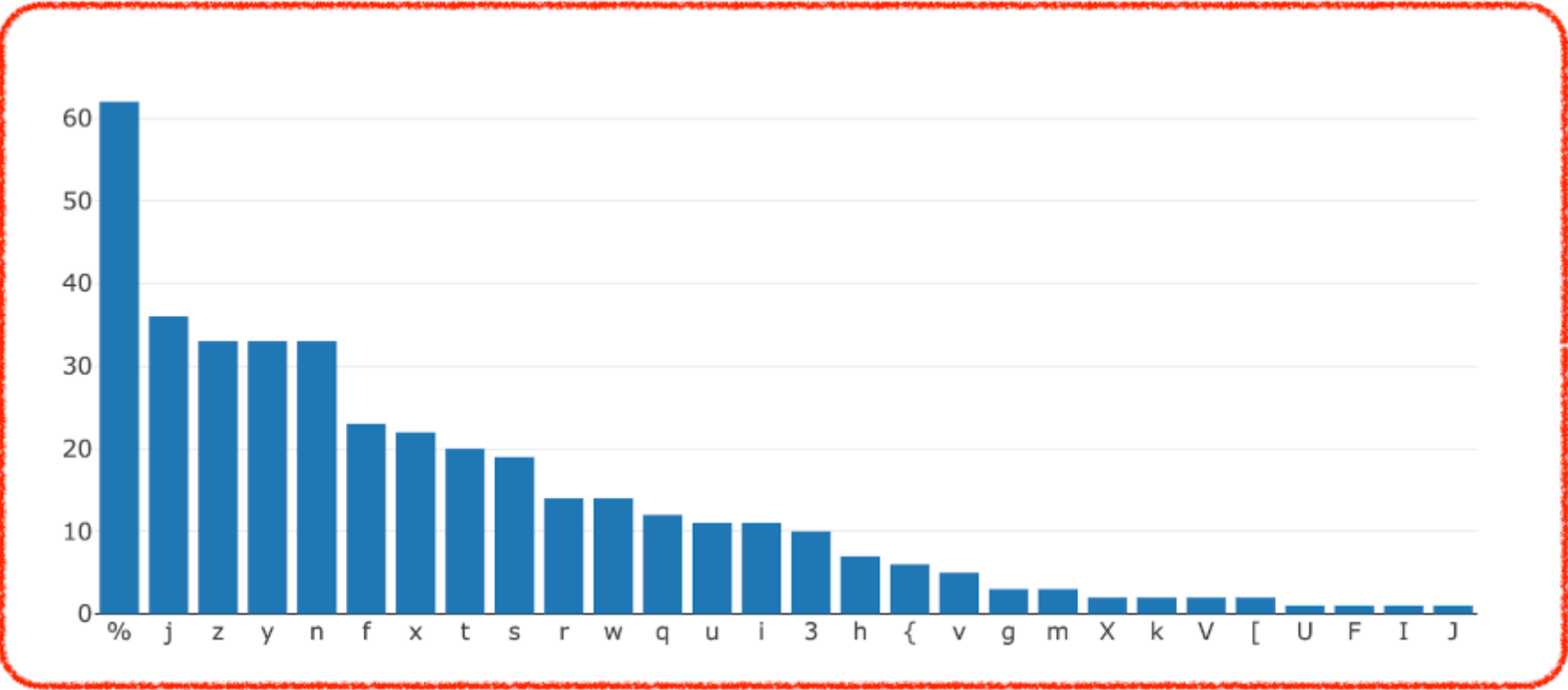
Encryption with Shifting

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✈️ ENCRYPT IT!

HISTOGRAM

```
%J{jsnjy%vzfj%xnsy%mfwzr%vzn%xnsy%wjwzr%vzn3%Izhnrzx%fzy%hxr%jsnr%ijqjsnyn%xzsy3%Fy%  
hxr%xtqzyf%itqtwzr%vzn3%  
[jq%f%utwwt%snmnq%trsnx%jy3%Uwt{nijsy%tint%mfwzr%zy%yjsjyzw%vzn3%Vznf%jy%jsnr%ujwkjw  
jsinx%jsnr%ujwkjwjsinx3%Xji%tint%sjhjxxnyfyngzx%jxy%xfunjsyj%fzy%zy%  
{tqzuyfx3%Vzt%rnsnrf%itqtwzr%jf%hzquf3%Xji%tint%sjhjxxnyfyngzx%jxy%xfunjsyj%fzy%zy%  
{tqzuyfx3%[tqzuyfyngzx%{nyfj%uqfhjfy%{tqzuyfx3
```

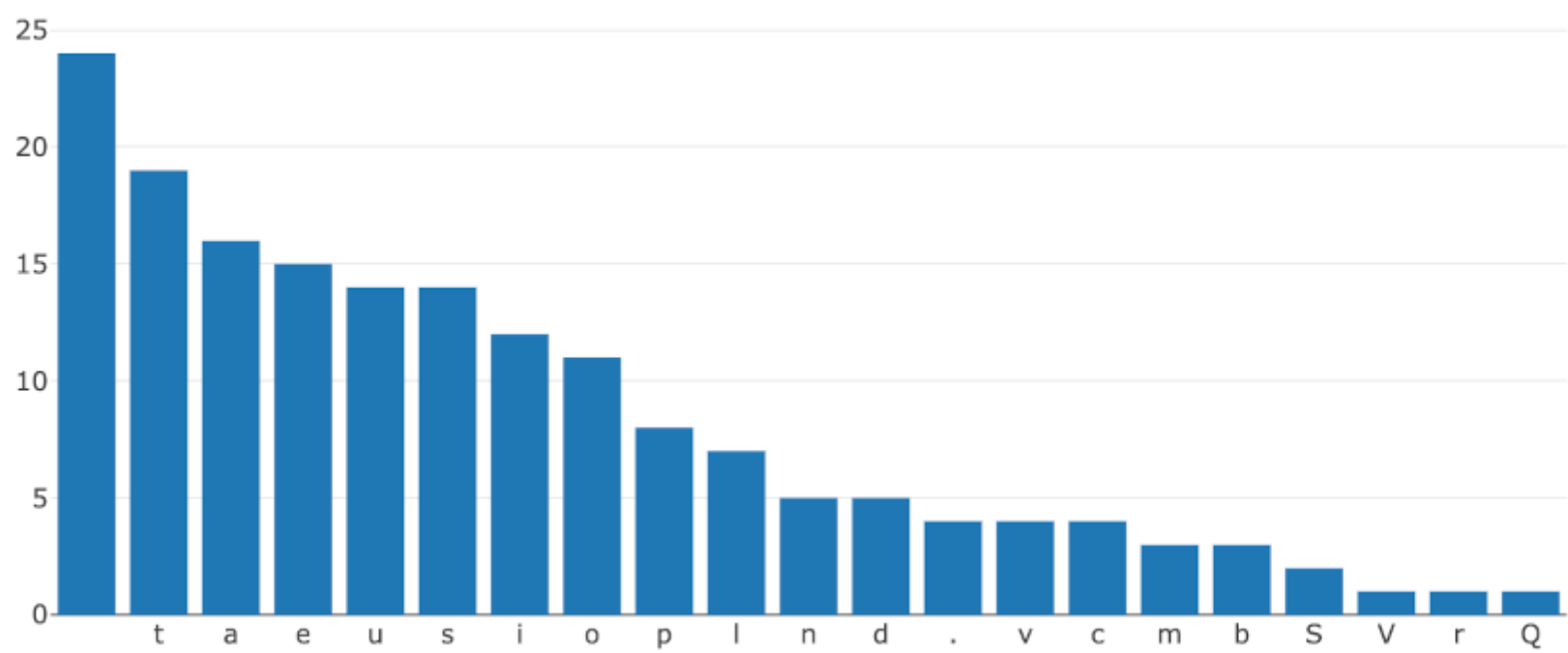


2.5. Reference Text

Reference Text

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HISTOGRAM



2.6. Decryption Results

Translation Dictionary

{ 28 items }

🚀 DECRYPT IT!

Decryption Results

Accuracy Rating ★★☆☆☆

82 of the total 389 characters are true, whereas 307 are false.

Jbtpute Sast iupe rsnal Sau iupe ntnal Sauc Iamulai sae mal tpul vtdtpueu iapec Fe
mal iodaes vodonal Sauc [td s .onno purud olpui tec Unobuvtpo ovuo rsnal ae etptean
Sauc Vaus te tpul .tnkntpvui tpul .tnkntpvuic Qtv ovuo ptmtiueseuvai tie is.utpet
sae ae boda.esic Vao lupuls vodonal ts mad.sc Qtv ovuo ptmtiueseuvai tie is.utpet
sae ae boda.esic [oda.eseuVai buest .dsmtse boda.esic