

Step 1: Start

Step 2: Input Message and Key:

2.1: Prompt "Enter a message" and store it as message.

2.2: Remove the newline character from message.

2.3: Prompt "Enter an integer key for XOR operation" and store it as key.

```
message = user input
```

```
print("Enter an integer key for XOR operation: ")
```

```
key = user input
```

Step 3: Initialize Variables:

3.1: Calculate the len of message.

Step 4: Perform XOR Operation:

4.1: For each character i in message, XOR the ASCII value of message[i] with key and store the result in xor[i].

```
for i = 0 to len-1:
```

```
    xor[i] = message[i] XOR key
```

Step 5: Display XOR-ed Result:

5.1: Print each character in xor as a character to display the XOR-encrypted message.

```
print("XOR-ed result: ")
```

```
for i = 0 to len-1:
```

```
    print xor[i] as character
```

Step 6: Stop