

Introduction

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Source Code

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// _____ Includes _____

//_____Function Declarations_____

//Decrypts Hotline Passwords found in UserData files

Explanation

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```
//This includes the standard I/O (Input/Output) header file.
```

```
//This includes the string header file so that you can  
//manipulate strings.
```

```
//This declares a routine that prints an ascii drawing on the  
//screen.  
//Don't bother looking for it because I didn't include it.
```

```
//If you don't know what this is, then you have probably never  
//programmed before and should read up on it.
```

```
//This creates a 16 character array to store the password in.
```

```
//This creates a counter that is used in the 'for' loop.
```

```
//This is a routine that prints an ascii drawing to the screen.  
//It's not important so I didn't include it.
```

```
//Writes the text in quotes to the screen.
```

```
//Prompts the user for the encrypted password from the UserData  
//file.
```

```
//Reads the input from the terminal (Screen) and puts it into  
//the character array called 'Pass'. Anything over 16 characters  
//will be lost. If you want to decrypt larger strings change the  
//16 in this line '          ' to the desired  
//length.
```

```
//This 'for' loop will execute until it reaches a NULL character  
//('\0') in the character array.
```

```
//Each time the loop executes, this line will decrypt the next  
//character by subtracting 255 from the ASCII value of the  
//encrypted character.
```

```
//If the result of the previous operation is less than zero,  
//this line will get the absolute value of the result by  
//multiplying it by -1.
```

```
//This prints the text that is in quotes to the screen. '\n'  
//means new line.
```

```
//This prints the decrypted password to the screen.
```

Conclusion

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References

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End of File

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