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Self-Made Assignment - C Language

String Functions in C Language

Assignment Title: ATM PIN Entry System Using break and goto in C

You are going to write a C program that works like a simple ATM machine. It asks the user to enter their 4-digit PIN to get access.

What should the program do?

1. The program will ask the user to enter the PIN (you can assume the correct PIN is 1234).
2. The user gets only 3 chances to enter the correct PIN.
3. If the user enters the correct PIN:
  - Show the message: "Access Granted"
  - Use the break statement to **exit the loop**.
4. If the user enters the wrong PIN 3 times:
  - Use the goto statement to jump to a label that shows: "Account Locked"
5. The program ends after either access is granted or account is locked.

Instructions:

- Use a loop (for or while) that runs up to 3 times.
- Use scanf() to take PIN input from the user.
- Compare the entered PIN with the correct one using if.
- If it matches, use break to exit.
- If the loop finishes without correct input, use goto to jump to the "Account Locked" message.
- Use only basic C functions (printf, scanf, etc.).



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## Self-Made Assignment - C Language

### String Functions in C Language

#### Output:

Output

```
Enter your PIN: 454
Incorrect PIN. Try again.
Enter your PIN: 3432
Incorrect PIN. Try again.
Enter your PIN: 5433
Account Locked
```

#### Output2:

Output

```
Enter your PIN: 123
Incorrect PIN. Try again.
Enter your PIN: 1234
Access Granted
```