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import calendar
from datetime import date
import re
import sys
print("Sign up")
username = input("Enter the Username : ")
password = input("Enter the password : ")
print()
print("password set")
print()
while True:
    print("Sign in")
    username1 = input("Username : ")
    password1 = input("Password : ")
    print()
    if username == username1 and password == password1:
        break
    else:
        print()
        print("Username and Password incorrect")
        print()
while username == username1 and password == password1:
    year = int(str(date.today())[4])
    month = int(str(date.today())[5:7])
    temp = month
    today = date.today()
    def cal(year,month):
        date = today.day.__str__().rjust(2)
        rday = ('\\b' + date + '\\b').replace('\\b ', '\\s')
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rdayc = "\033[7m" + date + "\033[0m"

thism = calendar.month(year, month)

return re.sub(rday, rdayc, thism)

print(cal(year, month))

update_month = int(input("Enter the previous or next months in the range [-12 to 12] : "))

while -12 > update_month or update_month > 12:

    print()

    hlp = input("To get help please enter '-help' otherwise press any key : ")

    if hlp[1:].lower() == "help" or hlp.lower() == "help":

        print()

        print("""Help:\t\tThis application should be run with the following command line parameters:

a positive integer, a negative integer or zero.

The positive integer cannot be more than 12 or less than -12.""")

        print()

    update_month = int(input("Enter the previous or next months [-12 to 12] : "))

    print()

else:

    month += update_month

    if month > 12:

        month -= 12

        year += 1

    elif month < 0:

        month += 12

        year -= 1

    if month == 0 and update_month > 0:

        month += 1

    elif month == 0 and update_month < 0:

        month += 12

        year -= 1

```

```
    print(cal(year, month))  
ext = input('Enter EXIT to close the app or press any key to stay : ')  
print()  
if ext.lower() == "exit":  
    sys.exit()
```