```python
from datetime import date
import calendar
import time
import re
import sys
#for highlighting the calendar
def cal_highlight(newm,nyear):
    print("inside calhightlight",newm)
    if newm>0:
        thism = calendar.month(nyear, newm)  # current month
    else:
        year = today.year
        month = today.month
        thism = calendar.month(year, month)  # current month
    date = today.day.__str__().rjust(2)
    rday = ('\\b' + date + '\\b').replace('\\b ', '\\s')
    rdayc = "\033[7m" + date + "\033[0m"
    #           7 Swaps foreground and background colors
    print(re.sub(rday, rdayc, thism))
def cal_process():
    m = 0
    #input
    while(True):
        m = int(input("Enter the month between 1 - 12:"))
        if (m>=-12 & m<=12):
            if m > 0:
                # positive value
                sum = month + m
```

```python
        if sum > 12:

            newm = sum - 12

            nyear = year + 1

        elif sum < 12:

            newm = sum

            nyear = today.year

        elif sum==12:

            newm = month + 1

            nyear = today.year

    elif m < 0:

        # negative value

        diff = month + m

        if diff < 0:

            newm = diff + 12

            nyear = year - 1

        elif diff > 0:

            newm = diff

            nyear = today.year

    elif m==0:

        newm = today.month

        nyear = today.year

    cal_highlight(newm,nyear)

    print(newm)

    ex=input("if you wish to exit press [yes/no]: ")

    if ex=="no":

        sys.exit()

else:
```

```python
            print("Months should be in between -12 and +12")

            sys.exit()
attempts=0

username="mirunalini"

password="miruna@23"

while(True):

    attempts+=1

    uname = input("Enter the username: ")

    pword = input("Enter the password: ")

    if ((uname == "mirunalini") & (pword == "miruna@23")):

        today = date.today()

        year = today.year

        month = today.month

        print(month)

        newm = 0

        nyear = 0

        cal_highlight(month,year)

        cal_process()

    if attempts>3:

        print("Sorry wrong username and password \n Your attempts are over")

        sys.exit()
```