```python
# creating class
class STAFF:
  def __init__(self, name, age, post, salary):
    self._name = name
    self._age = age
    self._post = post
    self._salary = salary

class ANNUALCAL(STAFF):
  def __init__(self, name, age, post, salary,
no_leaveday_left,password,reminder):
    STAFF.__init__(self, name, age, post, salary)
    self._AL_left = no_leaveday_left
    self._password = password
    self._reminder = reminder

  def print_AL_left(self):
    AL = int(self._AL_left)

#Assume there are several days available for annual leave:
D1 = "02/12/22"
D2 = "03/12/22"
D3 = "04/12/22"

def PW(s):
  Y = True
  while Y == True:
   password_enter = input("Please enter your password: ")
   if password_enter == s._password:
     Y = False
   else:
     PX = input("Sorry, your password is not correct, enter Y if you like to
have reminder and try again. Press another other key to quit.")
     if PX == "Y" or DX =="y" or DX == "Yes" or DX == "yes":
       print(s._reminder)
     else:
       print("Thank you for using annual leave booking system.")
       Y = False


def ALS(s):
  AL = int(s._AL_left,)
  print("Welcome,", s._name, ", your annual leave left is: ", AL)
  X = True
  while X == True:
    msg = s._name + " ,please enter date of annual leave (DD/MM/YY):"
    DD = input(msg)
    if DD == D1 or DD == D2 or DD == D3:
      print ("Annual leave approved and booked.")
      AL = AL-1
      print("Your annual leave now left is: ", AL)
      X = False
    else:
      DX = input("Sorry, your proposed date is not available, enter Y if you
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like to try another date.")
        if DX == "Y" or DX =="y" or DX == "Yes" or DX == "yes":
         pass
        else:
         print("Thank you for using annual leave booking system.")
         X = False

P1 = ANNUALCAL("Mary",20,"Clerk",10000,1,"SM156N", "post_code")

Z = True
while Z == True:
 name_enter = input("Please enter your name:")
 if name_enter == P1._name:
   PW(P1)
   break
 else:
   print("Sorry, your name does not match our staff list, please enter the
correct name.")


print("The available dates are:", D1, D2, D3)


ALS(P1)

print("Goodbye!")
```