```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):
    STAFF.__init__(self, name, age, post, salary)
    self._AL_left = no_leaveday_left

  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 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
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


def printing(n,m):
  print(n,"is smart", m ,"is also smart")

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

ALS(P1)

print("Goodbye!")
input("Press any key to exist Unit 2 result demonistration.")
```