```
def leap(year):
  if year%4==0:
    return True
  else:
    return False
def mon(month):
  if month==1:
    odd=day
  elif month==2:
    odd=3+day
  elif month==3:
    odd=3+1+day
  elif month==4:
    odd=3+1+3+day
  elif month==5:
    odd=3+1+3+2+day
  elif month==6:
    odd=3+1+3+2+3+day
  elif month==7:
    odd=3+1+3+2+3+2+day
  elif month==8:
    odd=3+1+3+2+3+2+3+day
  elif month==9:
    odd=3+1+3+2+3+2+3+3+day
  elif month==10:
    odd=3+1+3+2+3+2+3+3+2+day
  elif month==11:
    odd=3+1+3+2+3+2+3+3+2+3+day
  elif month==12:
    odd=3+1+3+2+3+2+3+3+2+3+2+day
  return odd
date_input=input("Enter the date in dd/mm/yyyy formate:")
date_list=date_input.split("/")
day=int(date_list[0])
month=int(date_list[1])
year=int(date_list[2])
pre_year=year-1
lists=[]
for i in range(1,3):
  res=pre_year%10
  pre_year=pre_year//10
  lists.append(str(res))
lists.reverse()
pre_year2=year-1
sum=int(lists[0]+lists[1])
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div_year=pre_year2-sum
if(div_year%400==0):
  year_odd=0
sub_years=int(div_year/4.23)-1
cen_non_leapyears=div_year-(sub_years*4)
if(cen_non_leapyears==100):
  year_odd=5
elif(cen_non_leapyears==200):
  year_odd=3
elif(cen_non_leapyears==300):
  year_odd=1
leap_years=int(sum/4)
normal_years=sum-leap_years
odd_days=((leap_years*2)+normal_years)%7
odd_days2=(odd_days+year_odd)%7
if leap(year)==True:
  month_odd=mon(month)
if leap(year)==False:
  month_odd=(mon(month)-1)%7
name_day=(month_odd+odd_days2)%7
if name_day==0:
  day='''SUNDAY'''
elif name_day==1:
  day='''MONDAY'''
elif name_day==2:
  day='''TUESDAY'''
elif name_day==3:
  day='''WEDNESDAY'''
elif name_day==4:
  day='''THRUSDAY'''
elif name_day==5:
  day='''FRIDAY'''
elif name_day==6:
  day='''SATURDAY'''
print("The day to the given date is",day)
```