#include<stdio.h>

int check(int day,int month)

{

if((month==4||month==6||month==9 ||month==11) && day==31)

return 1;

else

return 0;  
}

int isleap(int year)

{

if((year%4==0 && year%100!=0) || year%400==0)

return 1;

else

return 0;

}

int main()

{

int day,month,year,tomm\_day,tomm\_month,tomm\_year;

char flag;

do

{

flag='y';

printf("\nenter the today's date in the form of dd mm yyyy\n");

scanf("%d%d%d",&day,&month,&year);

tomm\_month=month;

tomm\_year= year;

if(day<1 || day>31)

{

printf("value of day, not in the range 1...31\n");

flag='n';

}

if(month<1 || month>12)

{

printf("value of month, not in the range 1. 12\n");

flag='n';

}

else if(check(day,month))

{

printf("value of day, not in the range day<=30");

flag='n';

}

if(year<=1812 || year>2015)

{

printf("value of year, not in the range 1812. 2015\n");

flag='n';

}

if(month==2)

{

if(isleap(year) && day>29)

{

printf("invalid date input for leap year");

flag='n';

}

else if(!(isleap(year))&& day>28)

{

printf("invalid date input for not a leap year");

flag='n';

}

}  
}while(flag=='n');

switch (month)

{

case 1:

case 3:

case 5:

case 7:

case 8:

case 10:

if(day<31)

tomm\_day=day+1;

else

{

tomm\_day=1;

tomm\_month=month+1;  
}

break;

case 4:

case 6:

case 9:

case 11: if(day<30)

tomm\_day=day+1;

else

{

tomm\_day=1;

tomm\_month=month+1;

}

break;

case 12: if(day<31)

tomm\_day=day+1;

else

{

tomm\_day=1;

tomm\_month=1;

if(year==2015)

{

printf("the next day is out of boundary value of year\n");

tomm\_year=year+1;

}

else

tomm\_year=year+1;

}

break;

case 2:

if(day<28)

tomm\_day=day+1;

else if(isleap(year)&& day==28)

tomm\_day=day+1;

else if(day==28 || day==29)

{

tomm\_day=1;

tomm\_month=3;

}

break;

}

printf("next day is : %d %d %d",tomm\_day,tomm\_month,tomm\_year);

return 0;