#include <stdio.h>

**int** main()

{

**int** dd,mm,yy;

printf("Enter date (DD/MM/YYYY format): ");

scanf("%d/%d/%d",&dd,&mm,&yy);

**if**(yy>=1900 && yy<=9999)

{

**if**(mm>=1 && mm<=12)

{

//check days

**if**((dd>=1 && dd<=31) && (mm==1 || mm==3 || mm==5 || mm==7 || mm==8 || mm==10 || mm==12))

printf("Date is valid.\n");

**else** **if**((dd>=1 && dd<=30) && (mm==4 || mm==6 || mm==9 || mm==11))

printf("Date is valid.\n");

**else** **if**((dd>=1 && dd<=28) && (mm==2))

printf("Date is valid.\n");

**else** **if**(dd==29 && mm==2 && (yy%400==0 ||(yy%4==0 && yy%100!=0)))

printf("Date is valid.\n");

**else**

printf("Day is invalid.\n");

}

**else**

{

printf("Month is not valid.\n");

}

}

**else**

{

printf("Year is not valid.\n");

}

**return** 0;

}

**Output**

Enter date (DD/MM/YYYY format): 17/03/1998

Date is valid.