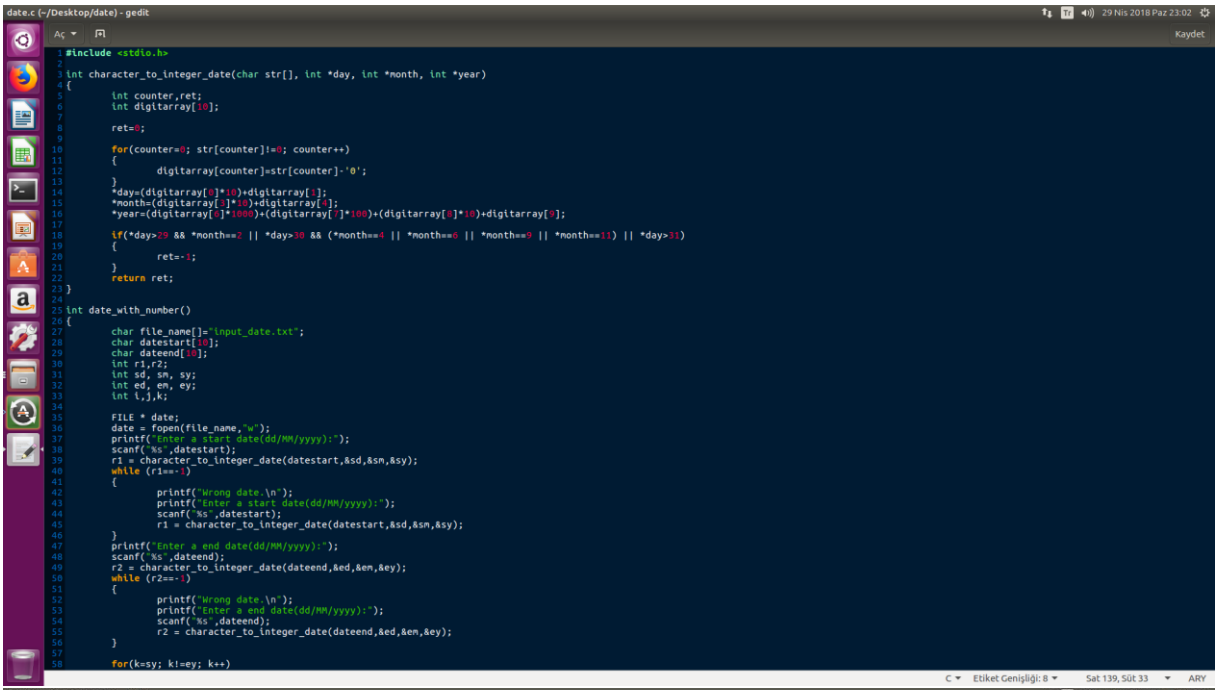
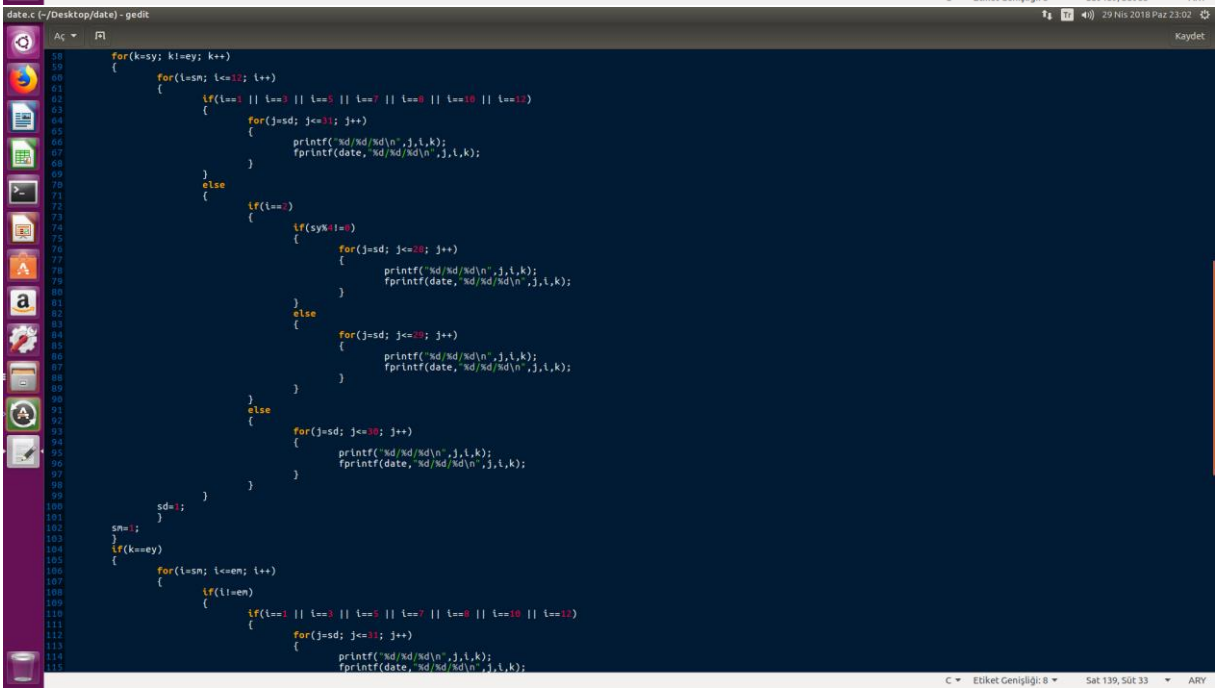
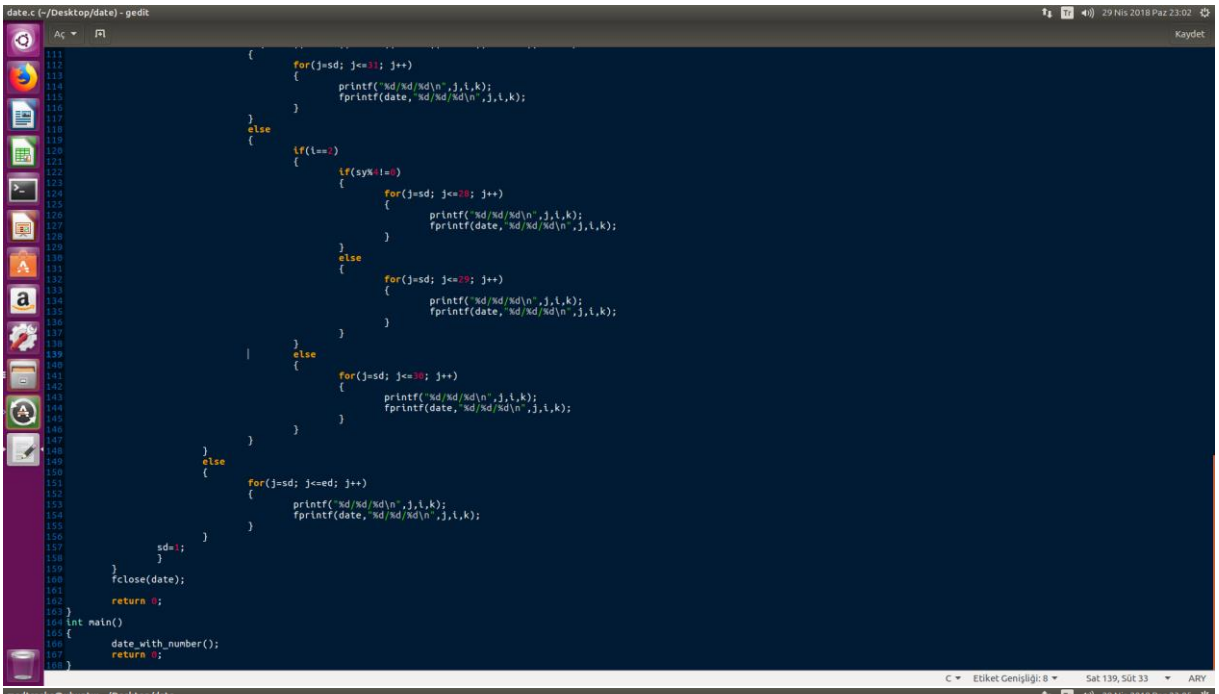
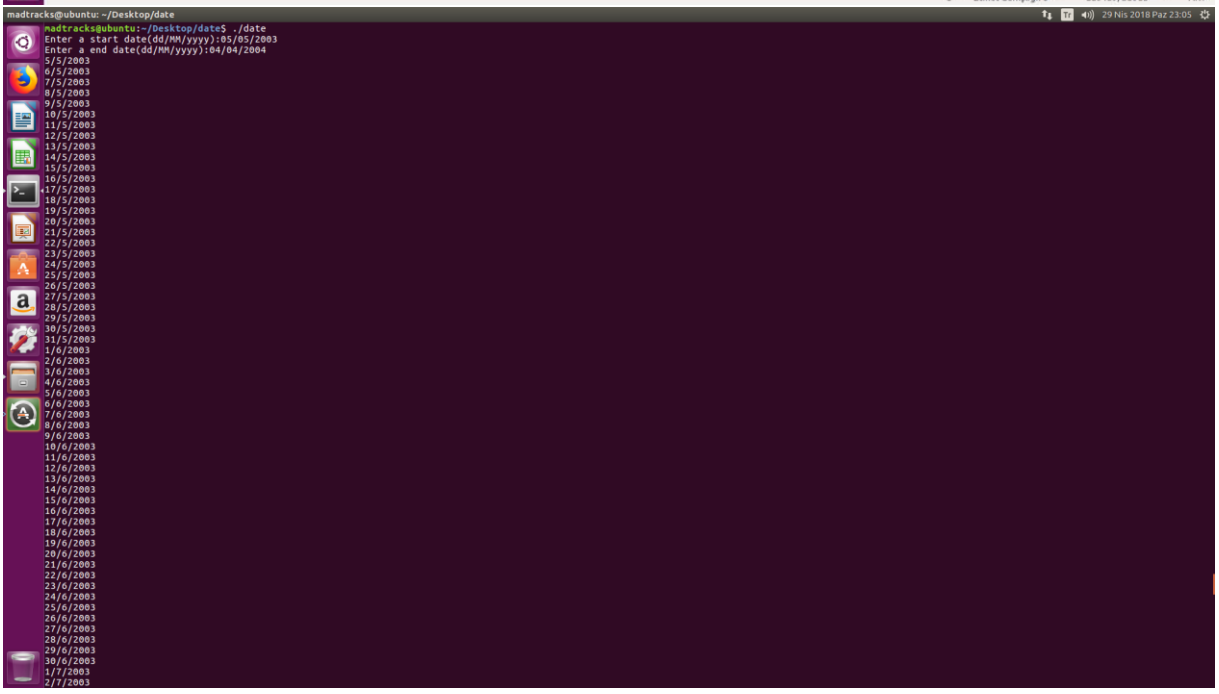

date.c (~/Desktop/date) - gedit
29 Nis 2018 Paz 23:02
Aç
Kaydet
#include <stdio.h>
int character_to_integer_date(char str[], int *day, int *month, int *year)
{
int counter,ret;
int digitarray[10];
ret=0;
for(counter=0; str[counter]!=0; counter++)
{
digitarray[counter]=str[counter]-'0';
}
*day=(digitarray[0]*10)+digitarray[1];
*month=(digitarray[3]*10)+digitarray[4];
*year=(digitarray[6]*1000)+(digitarray[7]*100)+(digitarray[8]*10)+digitarray[9];
if(*day>29 && *month==2 || *day>30 && (*month==4 || *month==6 || *month==9 || *month==11) || *day>31)
{
ret=-1;
}
return ret;
}
int date_with_number()
{
char file_name[]="input_date.txt";
char datestart[10];
char dateend[10];
int r1,r2;
int sd, sm, sy;
int ed, em, ey;
int i,j,k;
FILE * date;
date = fopen(file_name,"w");
printf("Enter a start date(dd/MM/yyyy):");
scanf("%s",datestart);
r1 = character_to_integer_date(datestart,&sd,&sm,&sy);
while (r1==-1)
{
printf("Wrong date.\n");
printf("Enter a start date(dd/MM/yyyy):");
scanf("%s",datestart);
r1 = character_to_integer_date(datestart,&sd,&sm,&sy);
}
printf("Enter a end date(dd/MM/yyyy):");
scanf("%s",dateend);
r2 = character_to_integer_date(dateend,&ed,&em,&ey);
while (r2==-1)
{
printf("Wrong date.\n");
printf("Enter a end date(dd/MM/yyyy):");
scanf("%s",dateend);
r2 = character_to_integer_date(dateend,&ed,&em,&ey);
}
for(k=sy; k!=ey; k++)
C
Etiket Genişliği: 8
Sat 139, Süt 33
ARY


date.c (~/Desktop/date) - gedit
29 Nis 2018 Paz 23:02
Aç
Kaydet
for(k=sy; k!=ey; k++)
{
for(i=sm; i<=12; i++)
{
if(i==1 || i==3 || i==5 || i==7 || i==8 || i==10 || i==12)
{
for(j=sd; j<=31; j++)
{
printf("%d/%d/%d\n",j,i,k);
fprintf(date,"%d/%d/%d\n",j,i,k);
}
}
else
{
if(i==2)
{
if(sy%4!=0)
{
for(j=sd; j<=28; j++)
{
printf("%d/%d/%d\n",j,i,k);
fprintf(date,"%d/%d/%d\n",j,i,k);
}
}
else
{
for(j=sd; j<=29; j++)
{
printf("%d/%d/%d\n",j,i,k);
fprintf(date,"%d/%d/%d\n",j,i,k);
}
}
}
else
{
for(j=sd; j<=30; j++)
{
printf("%d/%d/%d\n",j,i,k);
fprintf(date,"%d/%d/%d\n",j,i,k);
}
}
}
sd=1;
}
sm=1;
}
if(k==ey)
{
for(i=sm; i<=em; i++)
{
if(i!=em)
{
if(i==1 || i==3 || i==5 || i==7 || i==8 || i==10 || i==12)
{
for(j=sd; j<=31; j++)
{
printf("%d/%d/%d\n",j,i,k);
fprintf(date,"%d/%d/%d\n",j,i,k);
C
Etiket Genişliği: 8
Sat 139, Süt 33
ARY


date.c (~/Desktop/date) - gedit
29 Nis 2018 Paz 23:02
Aç
Kaydet
C
Etiket Genişliği: 8
Satır 139, Sütun 33
EKLE


madtracks@ubuntu: ~/Desktop/date
29 Nis 2018 Paz 23:05
madtracks@ubuntu:~/Desktop/date$ ./date
Enter a start date(dd/MM/yyyy):05/05/2003
Enter a end date(dd/MM/yyyy):04/04/2004

Line 1-23:

Changes the character dates to the integer values. If inputs are wrong, it returns -1.

Line 25-57:

Reads inputs from user and if the input is wrong, asks again.

Line 58-103:

Prints the date from start date to end of previous year.

If there is a leap year, it checks and prints February 29th.

Line 104-159:

Prints the date from previous year (or start date if the years same) to the end date.