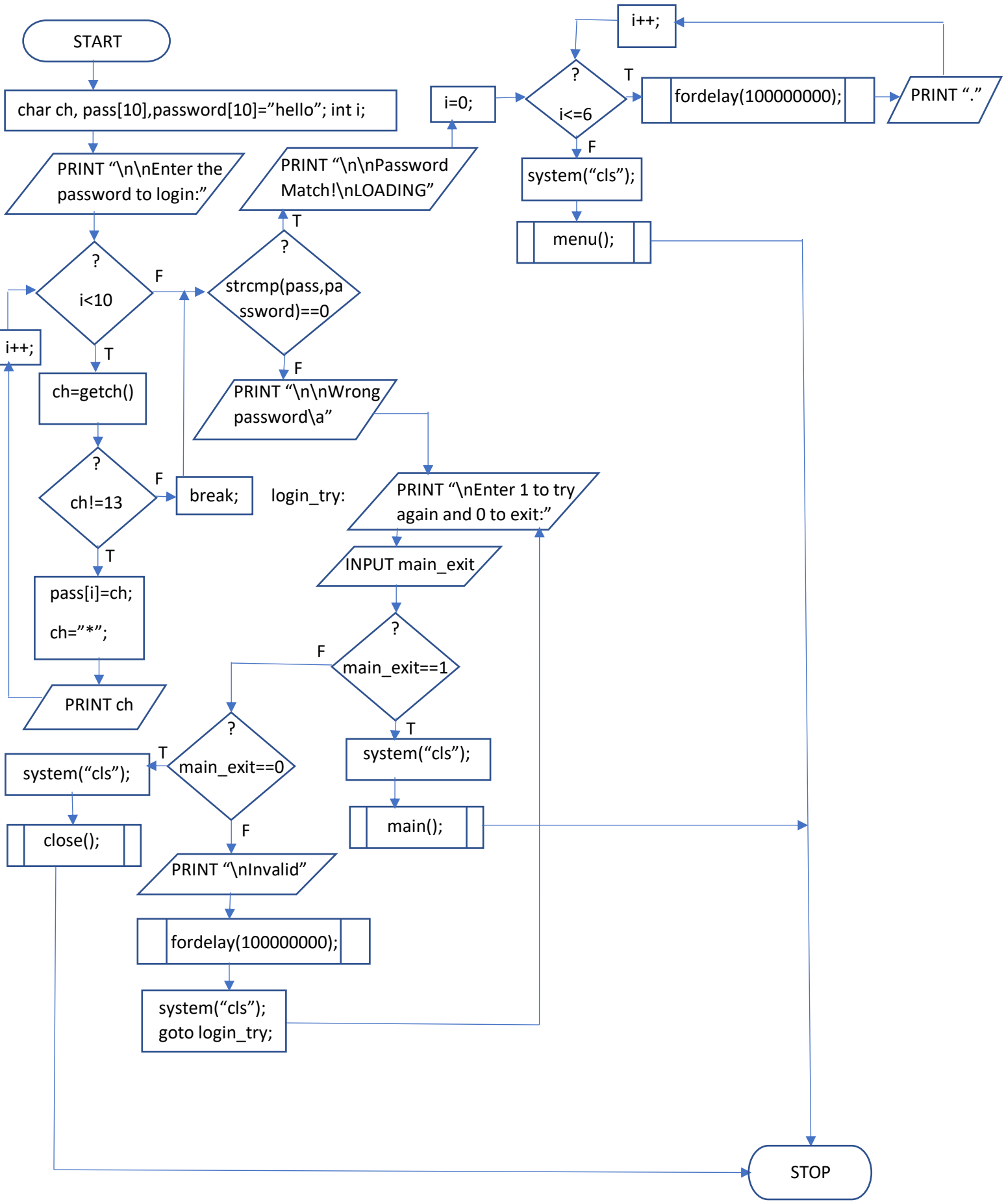
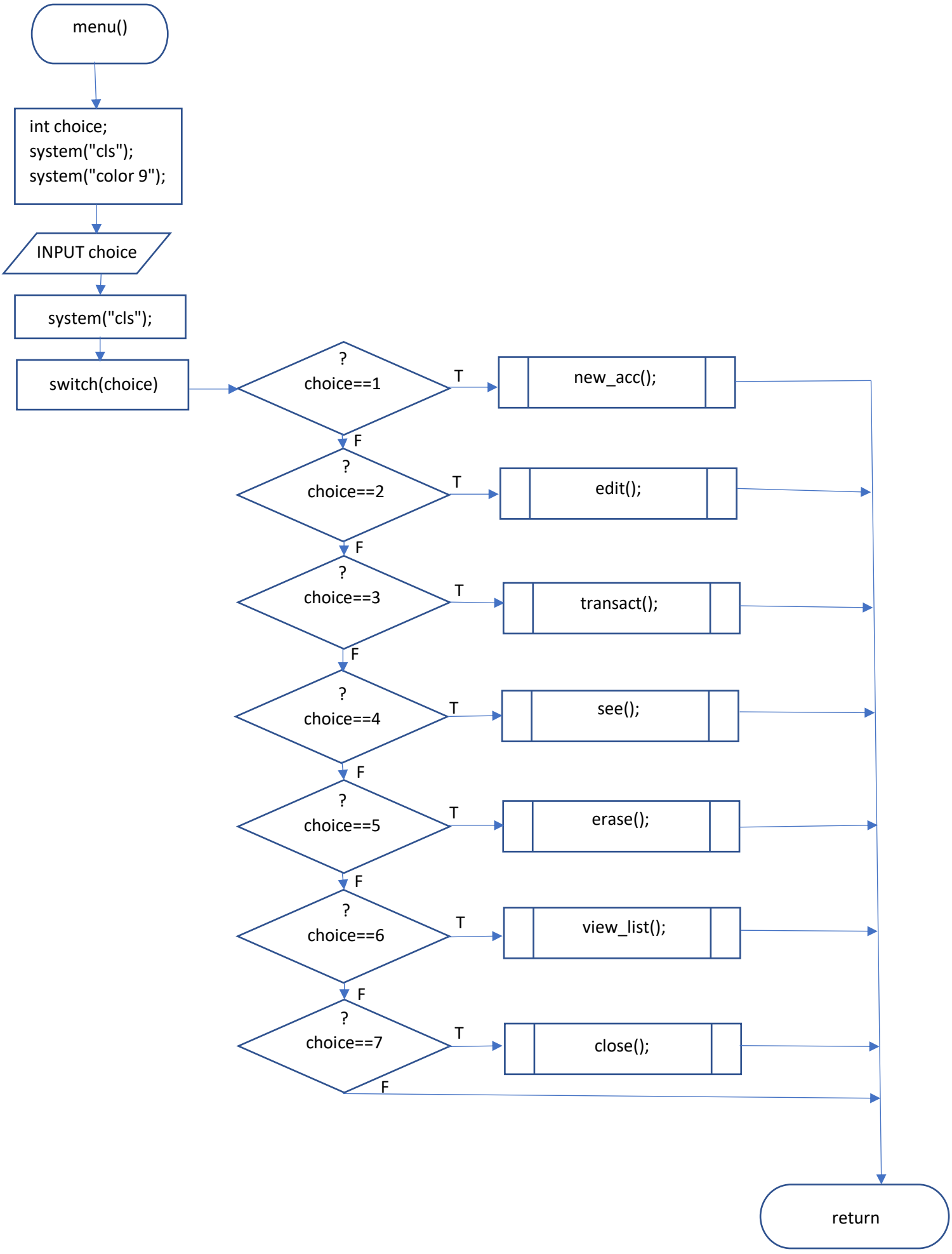
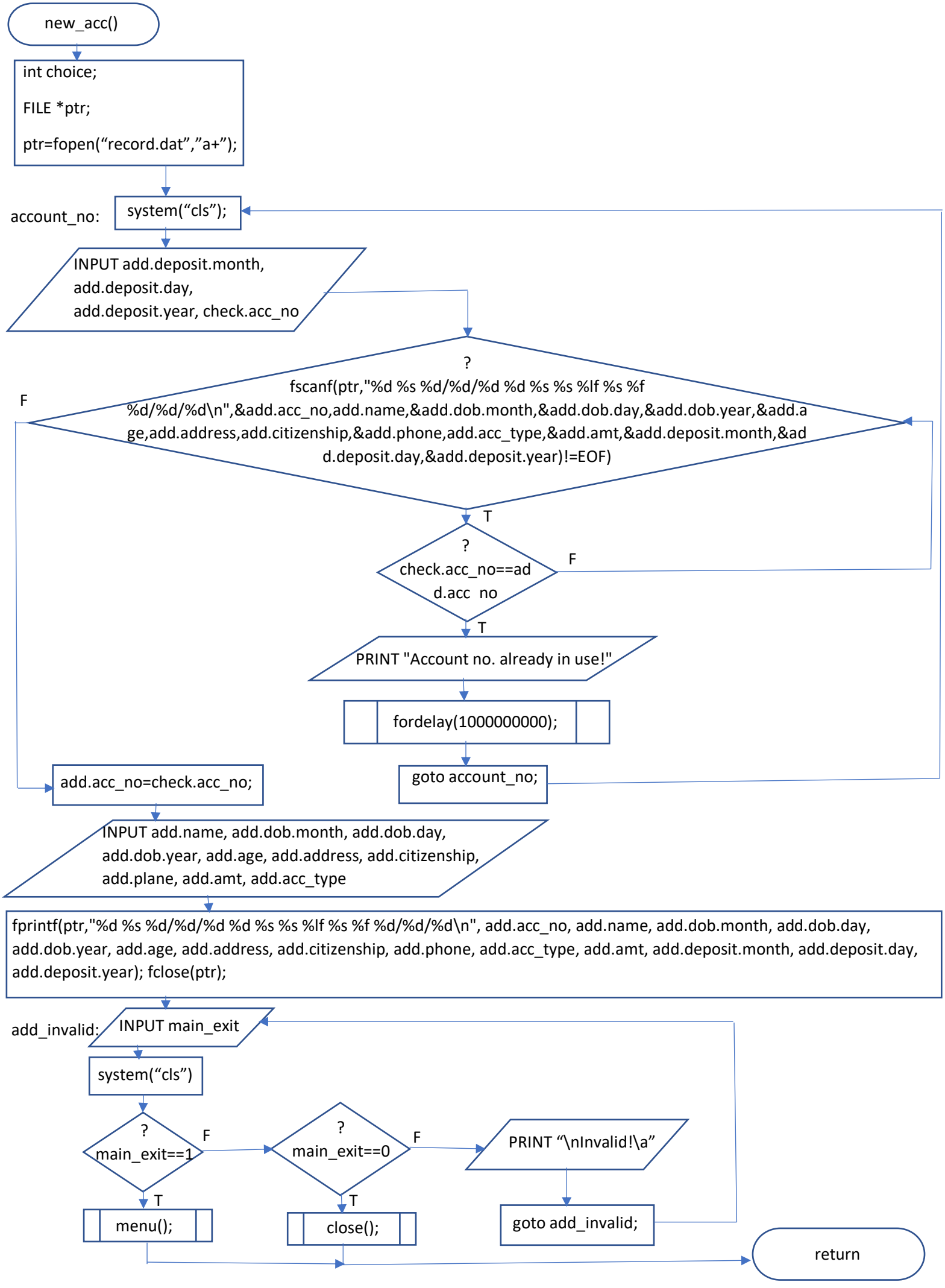
main() function:

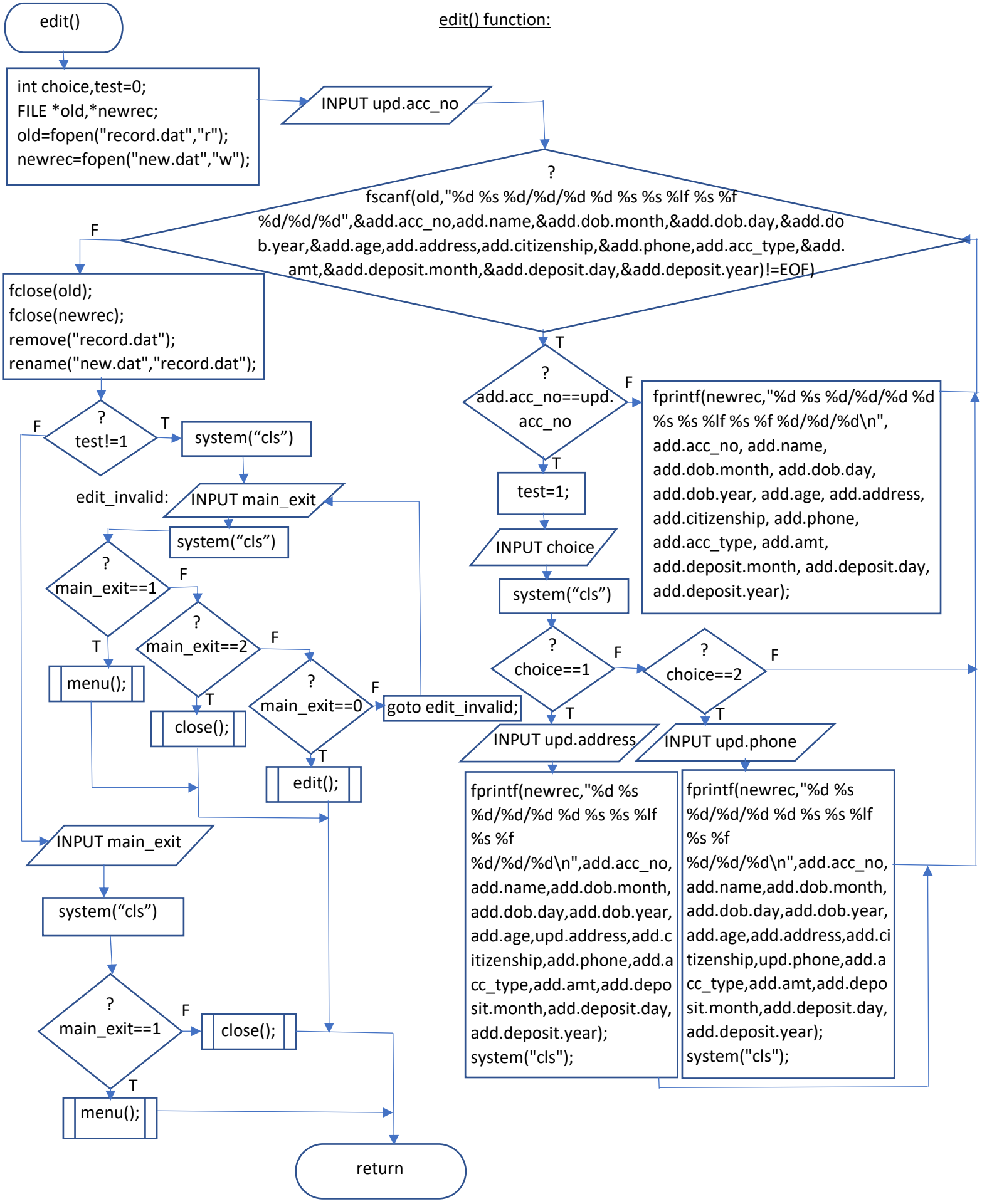


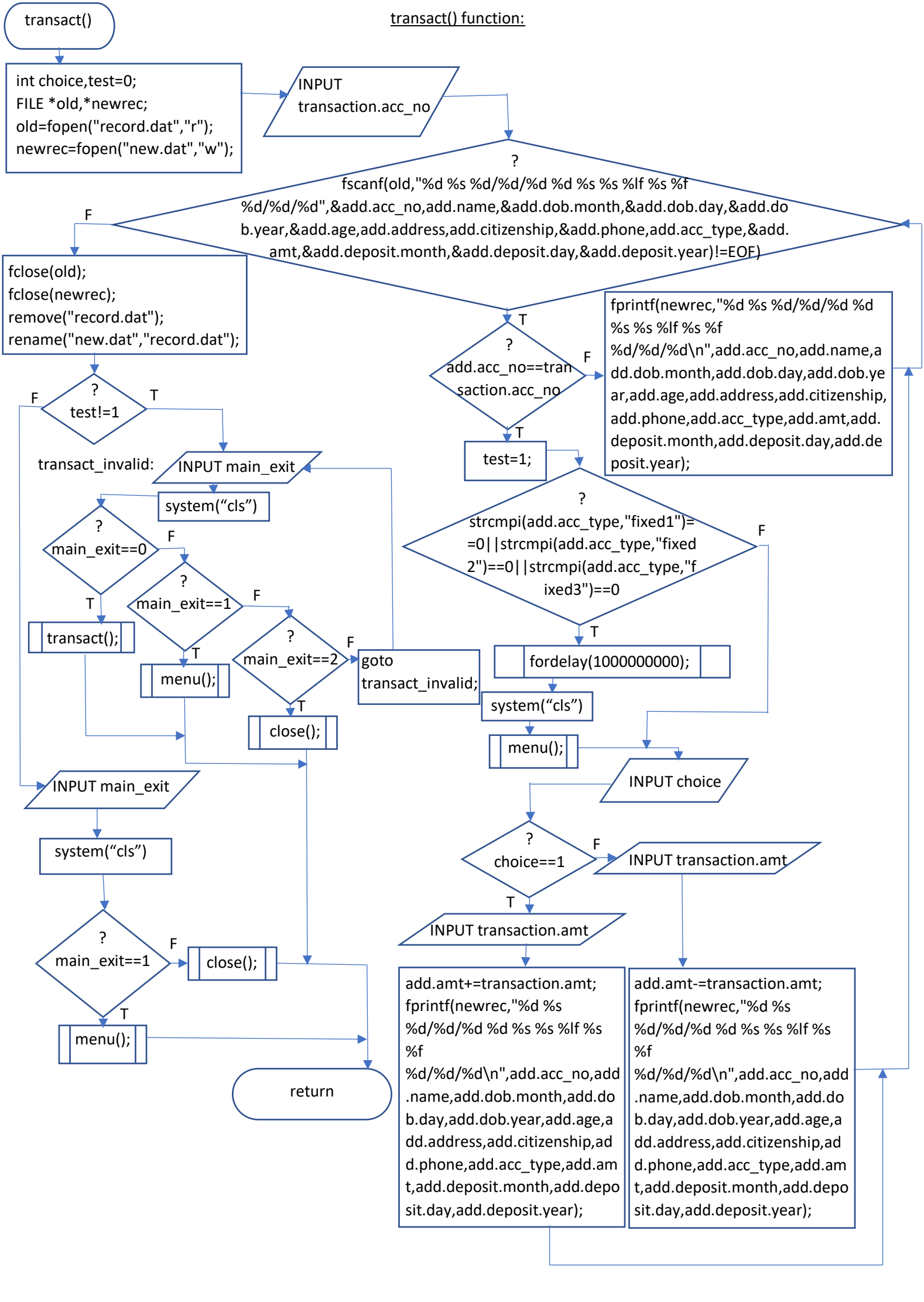
menu() function:

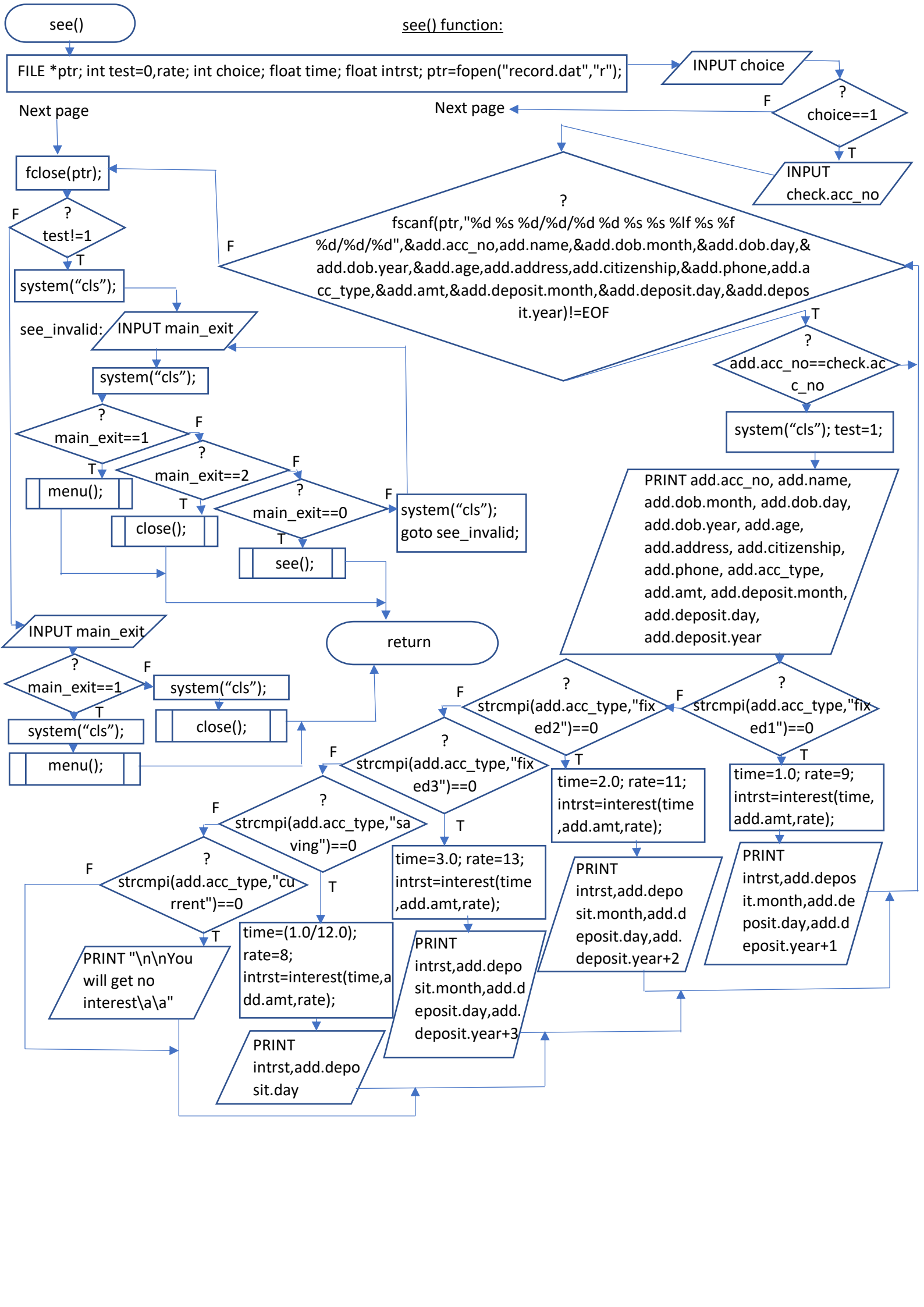


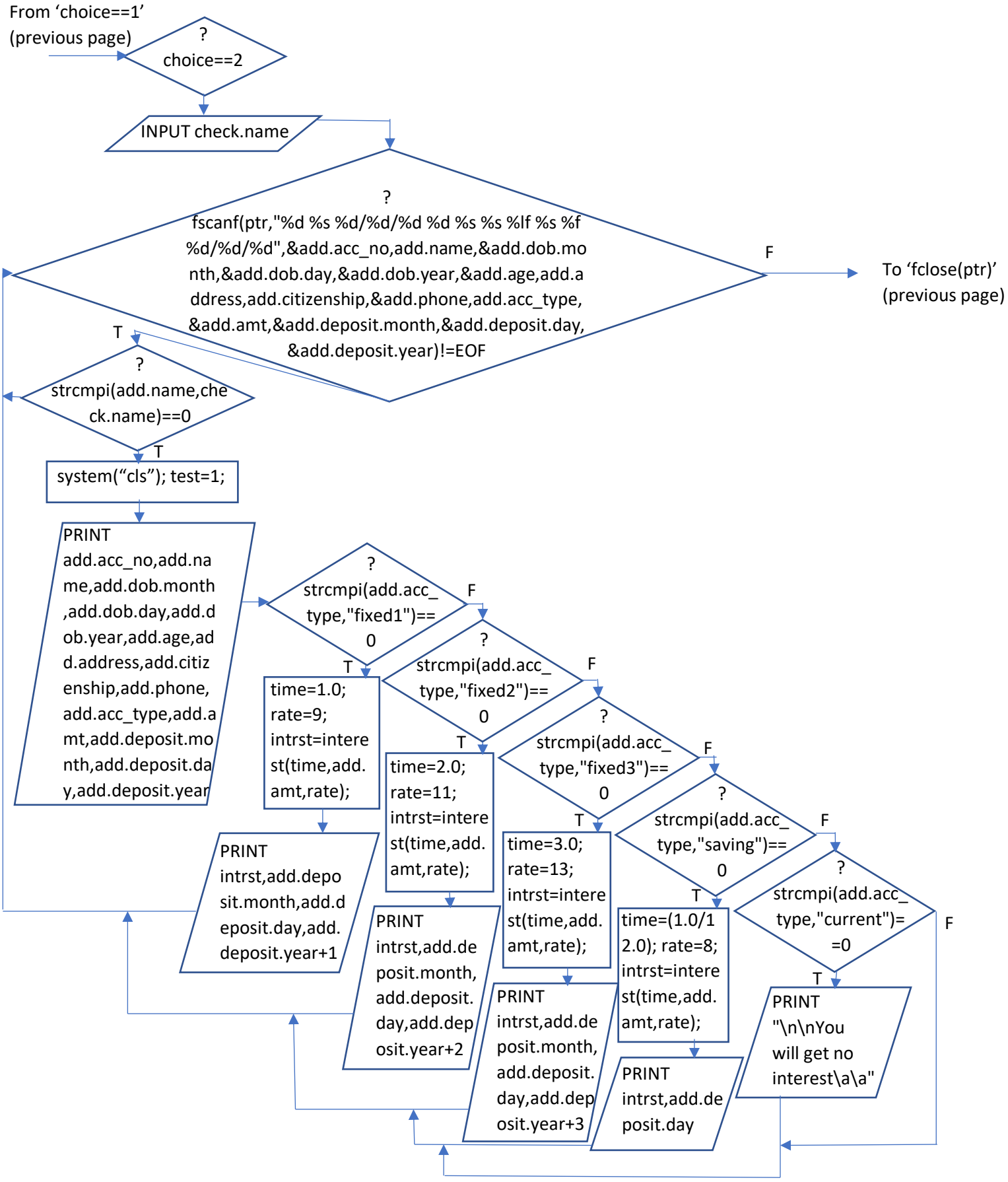
new_acc() function:

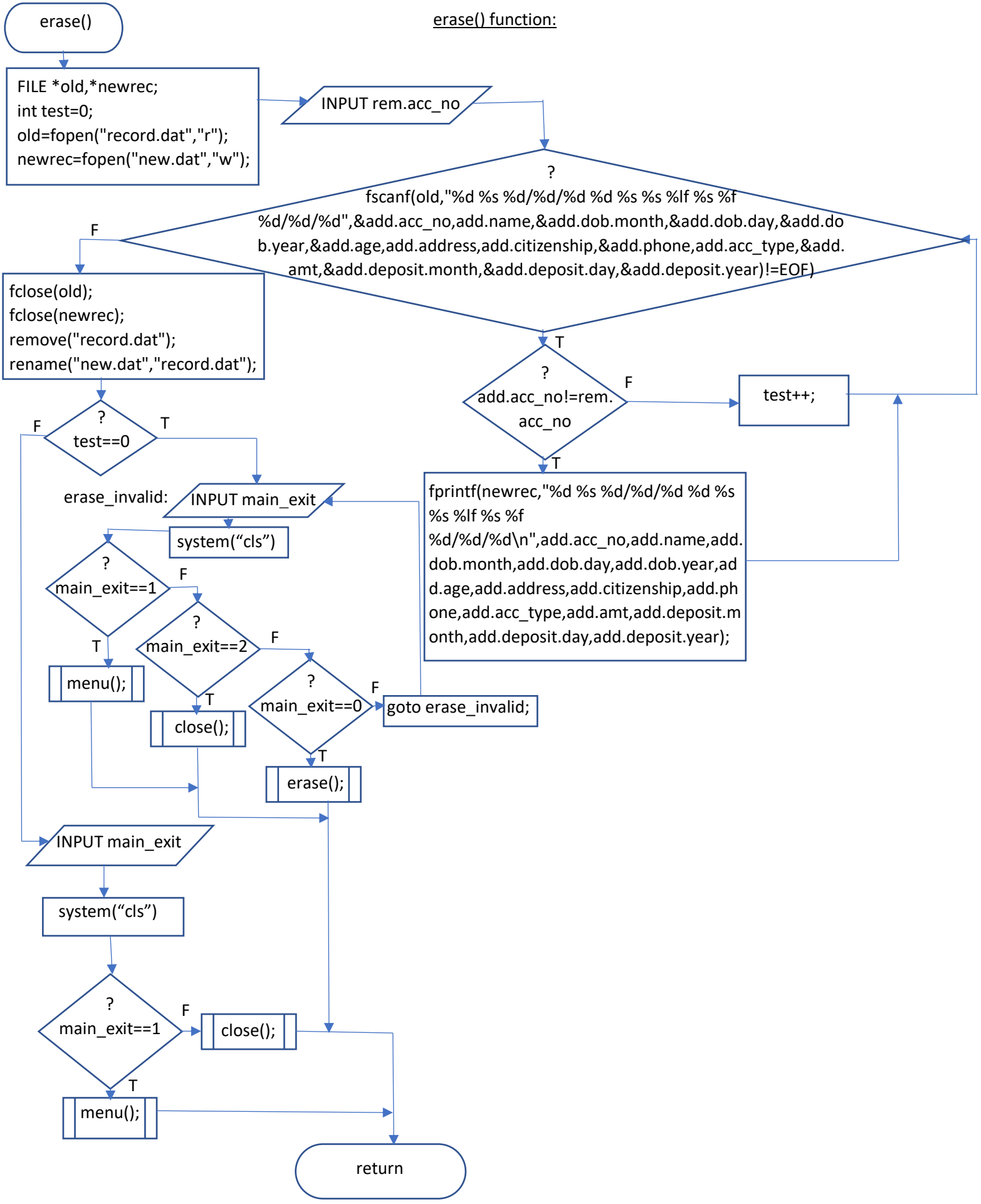



edit()
edit() function:
int choice,test=0;
FILE *old,*newrec;
old=fopen("record.dat","r");
newrec=fopen("new.dat","w");
INPUT upd.acc_no
?
fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF)
F
T
fclose(old);
fclose(newrec);
remove("record.dat");
rename("new.dat","record.dat");
?
add.acc_no==upd.acc_no
F
T
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n", add.acc_no, add.name, add.dob.month, add.dob.day, add.dob.year, add.age, add.address, add.citizenship, add.phone, add.acc_type, add.amt, add.deposit.month, add.deposit.day, add.deposit.year);
test=1;
INPUT choice
system("cls")
?
test!=1
F
T
system("cls")
edit_invalid:
INPUT main_exit
system("cls")
?
choice==1
F
?
choice==2
F
T
T
INPUT upd.address
INPUT upd.phone
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no, add.name,add.dob.month, add.dob.day,add.dob.year, add.age,upd.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day, add.deposit.year);
system("cls");
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no, add.name,add.dob.month, add.dob.day,add.dob.year, add.age,add.address,add.citizenship,upd.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day, add.deposit.year);
system("cls");
?
main_exit==1
F
?
main_exit==2
F
?
main_exit==0
F
T
T
T
menu();
close();
edit();
goto edit_invalid;
INPUT main_exit
system("cls")
?
main_exit==1
F
T
close();
menu();
return

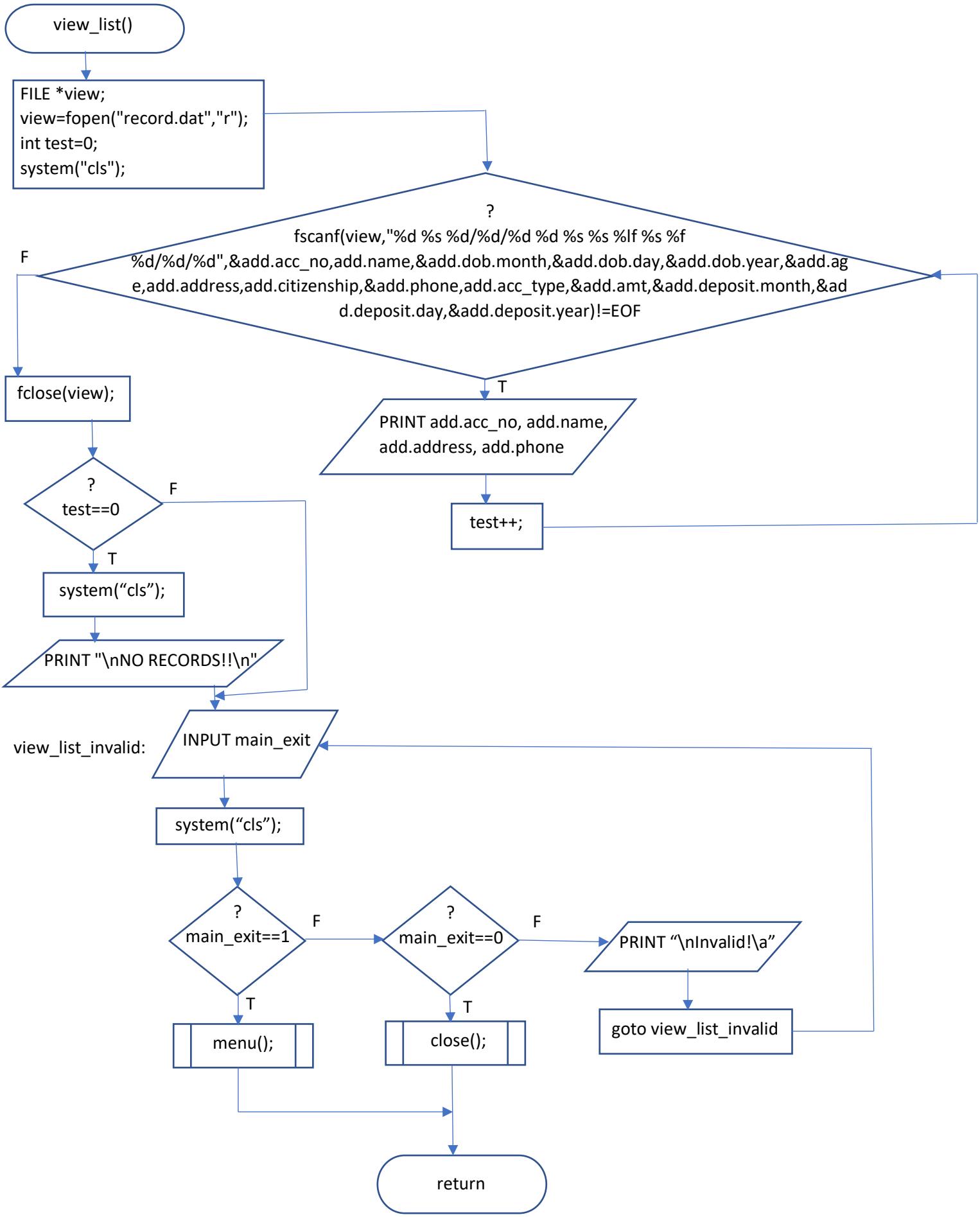

transact()
transact() function:
int choice,test=0;
FILE *old,*newrec;
old=fopen("record.dat","r");
newrec=fopen("new.dat","w");
INPUT transaction.acc_no
? fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF
F
T
fclose(old);
fclose(newrec);
remove("record.dat");
rename("new.dat","record.dat");
? add.acc_no==transaction.acc_no
F
T
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.day,add.dob.year,add.age,add.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.deposit.year);
test=1;
? test!=1
F
T
transact_invalid:
INPUT main_exit
system("cls")
? main_exit==0
F
T
transact();
? main_exit==1
F
T
menu();
? main_exit==2
F
T
close();
goto transact_invalid;
? strcmpi(add.acc_type,"fixed1")==0||strcmpi(add.acc_type,"fixed2")==0||strcmpi(add.acc_type,"fixed3")==0
F
T
fordelay(1000000000);
system("cls")
menu();
INPUT choice
? choice==1
F
T
INPUT transaction.amt
INPUT transaction.amt
INPUT main_exit
system("cls")
? main_exit==1
F
T
close();
menu();
return
add.amt+=transaction.amt;
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.day,add.dob.year,add.age,add.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.deposit.year);
add.amt-=transaction.amt;
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.day,add.dob.year,add.age,add.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.deposit.year);


see()
see() function:
FILE *ptr; int test=0,rate; int choice; float time; float intrst; ptr=fopen("record.dat","r");
INPUT choice
? choice==1
F
T
Next page
Next page
INPUT check.acc_no
fclose(ptr);
? test!=1
F
T
system("cls");
?
fscanf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF
F
T
? add.acc_no==check.acc_no
system("cls"); test=1;
see_invalid:
INPUT main_exit
system("cls");
? main_exit==1
F
T
? main_exit==2
F
T
menu();
close();
? main_exit==0
F
T
system("cls"); goto see_invalid;
see();
return
INPUT main_exit
? main_exit==1
F
T
system("cls");
menu();
system("cls");
close();
PRINT add.acc_no, add.name, add.dob.month, add.dob.day, add.dob.year, add.age, add.address, add.citizenship, add.phone, add.acc_type, add.amt, add.deposit.month, add.deposit.day, add.deposit.year
? strcmpi(add.acc_type,"fixed2")==0
F
T
? strcmpi(add.acc_type,"fixed1")==0
F
T
? strcmpi(add.acc_type,"fixed3")==0
F
T
? strcmpi(add.acc_type,"saving")==0
F
T
? strcmpi(add.acc_type,"current")==0
F
T
time=2.0; rate=11; intrst=interest(time,add.amt,rate);
time=1.0; rate=9; intrst=interest(time, add.amt,rate);
time=3.0; rate=13; intrst=interest(time,add.amt,rate);
time=(1.0/12.0); rate=8; intrst=interest(time,add.amt,rate);
PRINT "\n\nYou will get no interest\a\a"
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+2
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+1
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+3
PRINT intrst,add.deposit.day

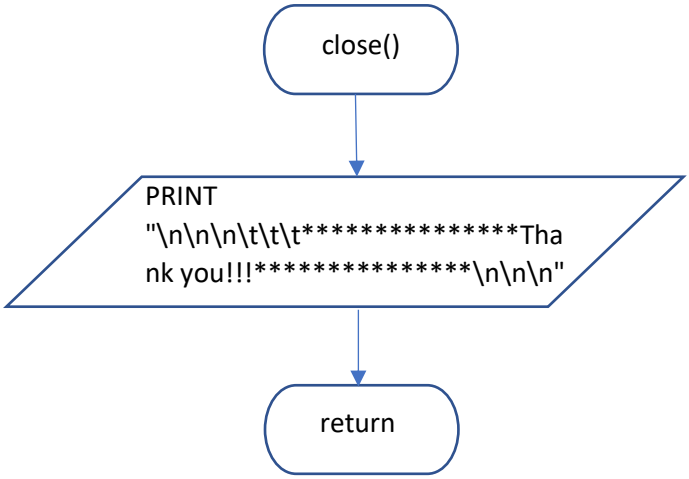

From 'choice==1'
(previous page)
?
choice==2
INPUT check.name
?
fscanf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF
F
To 'fclose(ptr)'
(previous page)
T
?
strcmpi(add.name,check.name)==0
T
system("cls"); test=1;
PRINT add.acc_no,add.name,add.dob.month,add.dob.day,add.dob.year,add.age,add.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.deposit.year
?
strcmpi(add.acc_type,"fixed1")==0
T
time=1.0; rate=9; intrst=interest(time,add.amt,rate);
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+1
F
?
strcmpi(add.acc_type,"fixed2")==0
T
time=2.0; rate=11; intrst=interest(time,add.amt,rate);
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+2
F
?
strcmpi(add.acc_type,"fixed3")==0
T
time=3.0; rate=13; intrst=interest(time,add.amt,rate);
PRINT intrst,add.deposit.month,add.deposit.day,add.deposit.year+3
F
?
strcmpi(add.acc_type,"saving")==0
T
time=(1.0/12.0); rate=8; intrst=interest(time,add.amt,rate);
PRINT intrst,add.deposit.day
F
?
strcmpi(add.acc_type,"current")==0
T
PRINT "\n\nYou will get no interest\a\a"
F


erase()
erase() function:
FILE *old,*newrec;
int test=0;
old=fopen("record.dat","r");
newrec=fopen("new.dat","w");
INPUT rem.acc_no
?
fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF)
F
T
fclose(old);
fclose(newrec);
remove("record.dat");
rename("new.dat","record.dat");
?
add.acc_no!=rem.acc_no
F
T
test++;
?
test==0
F
T
fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f %d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.day,add.dob.year,add.age,add.address,add.citizenship,add.phone,add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.deposit.year);
erase_invalid:
INPUT main_exit
system("cls")
?
main_exit==1
F
T
?
main_exit==2
F
T
menu();
close();
?
main_exit==0
F
T
goto erase_invalid;
erase();
INPUT main_exit
system("cls")
?
main_exit==1
F
T
close();
menu();
return

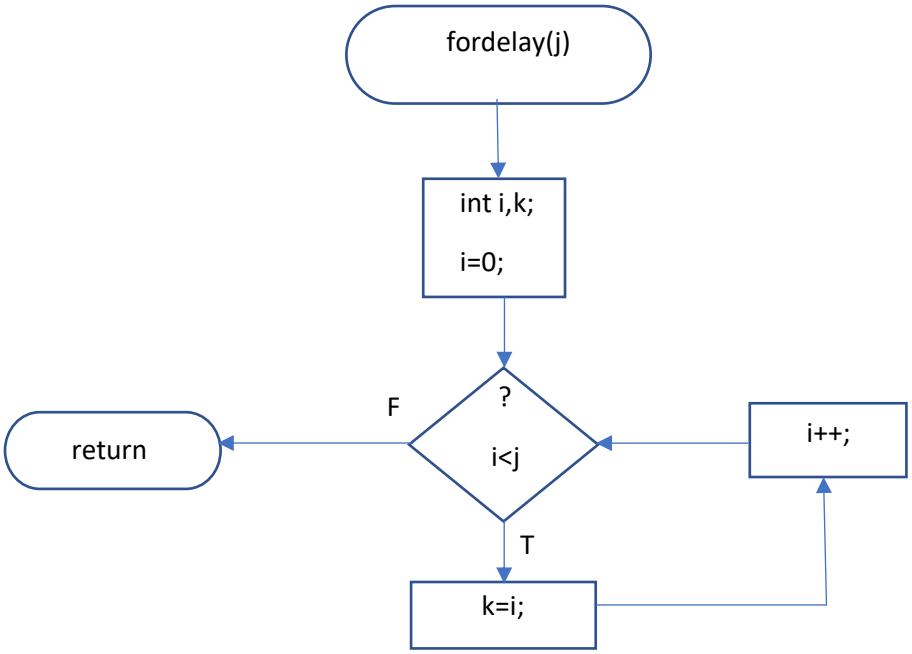
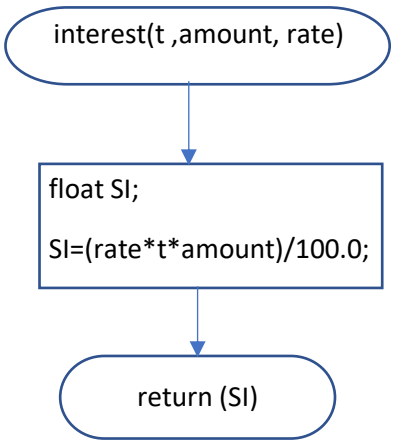
view_list() function:



close() function:



fordelay(j) function:



interest(t ,amount, rate) function: