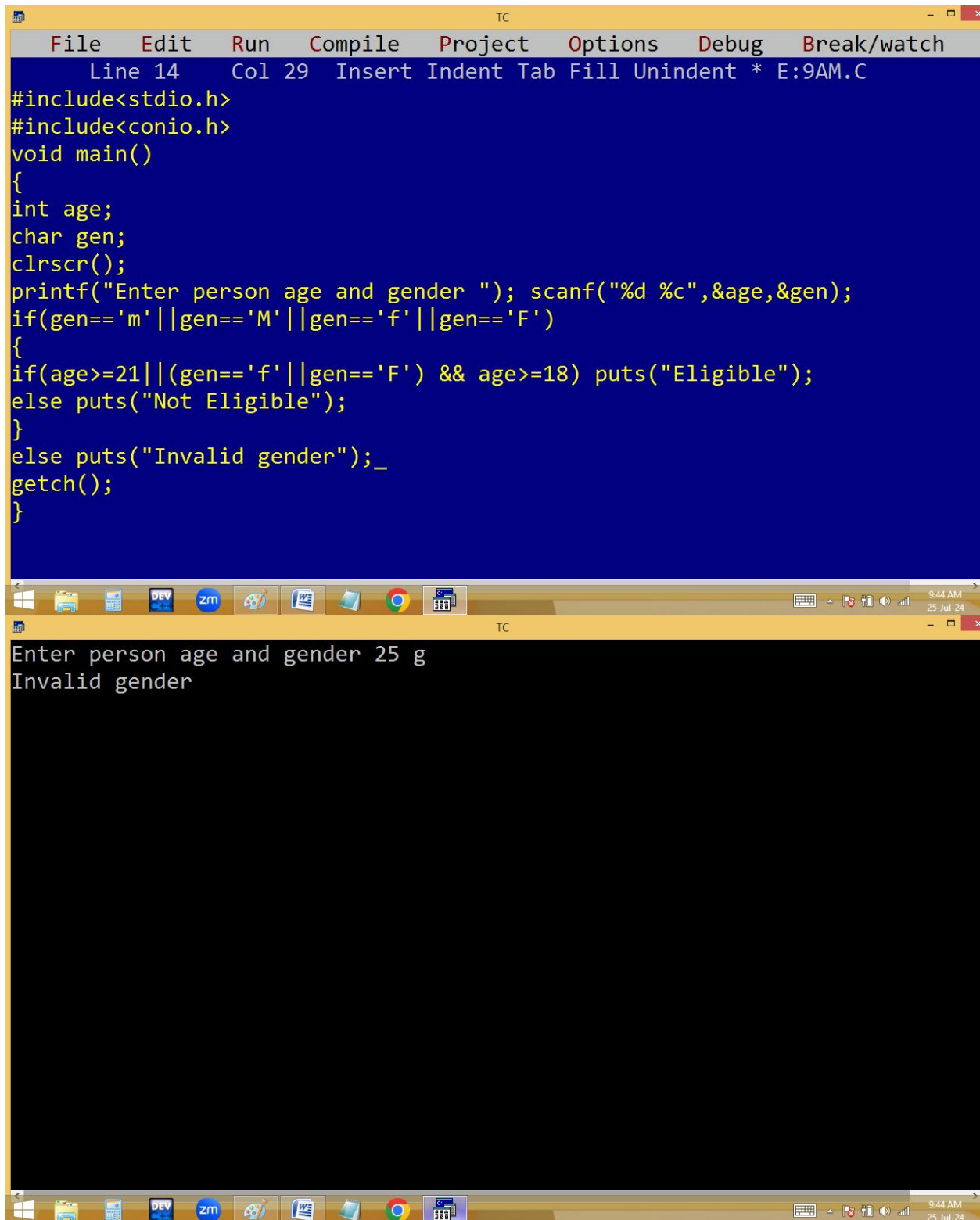
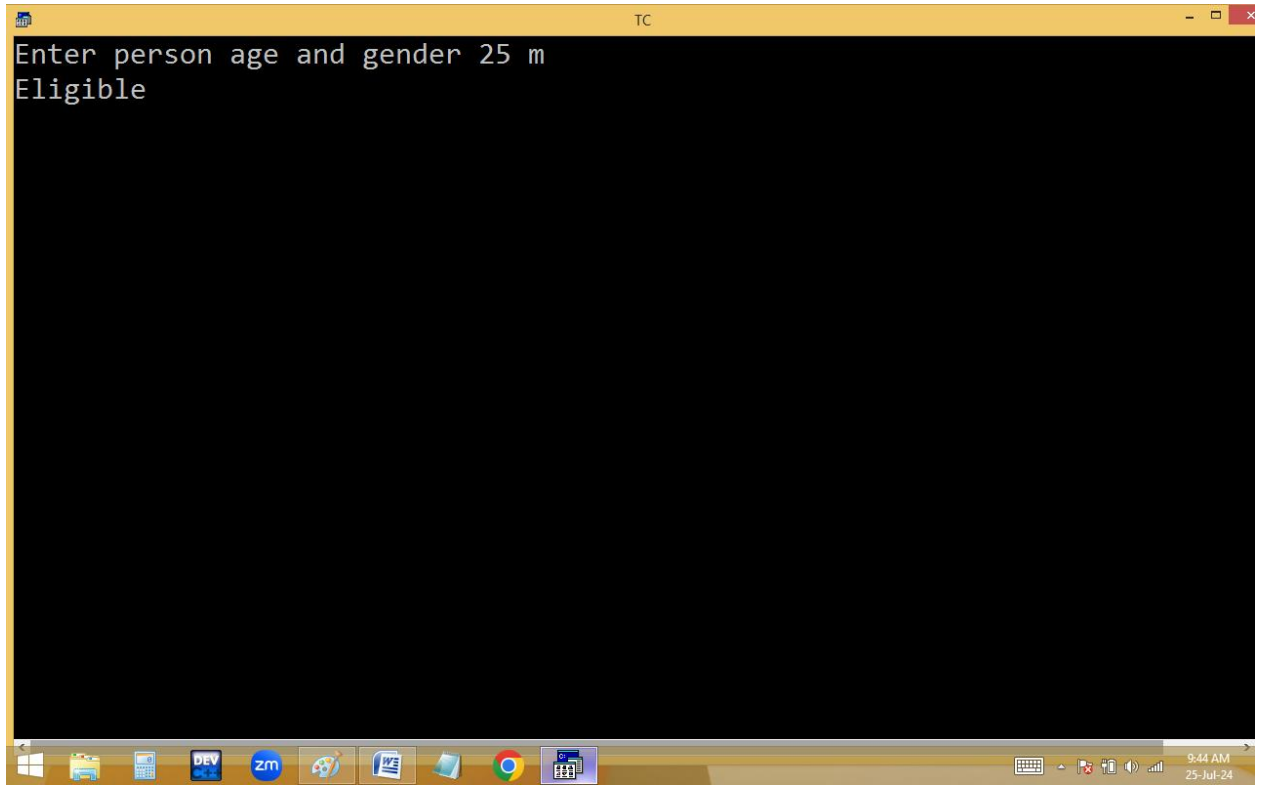


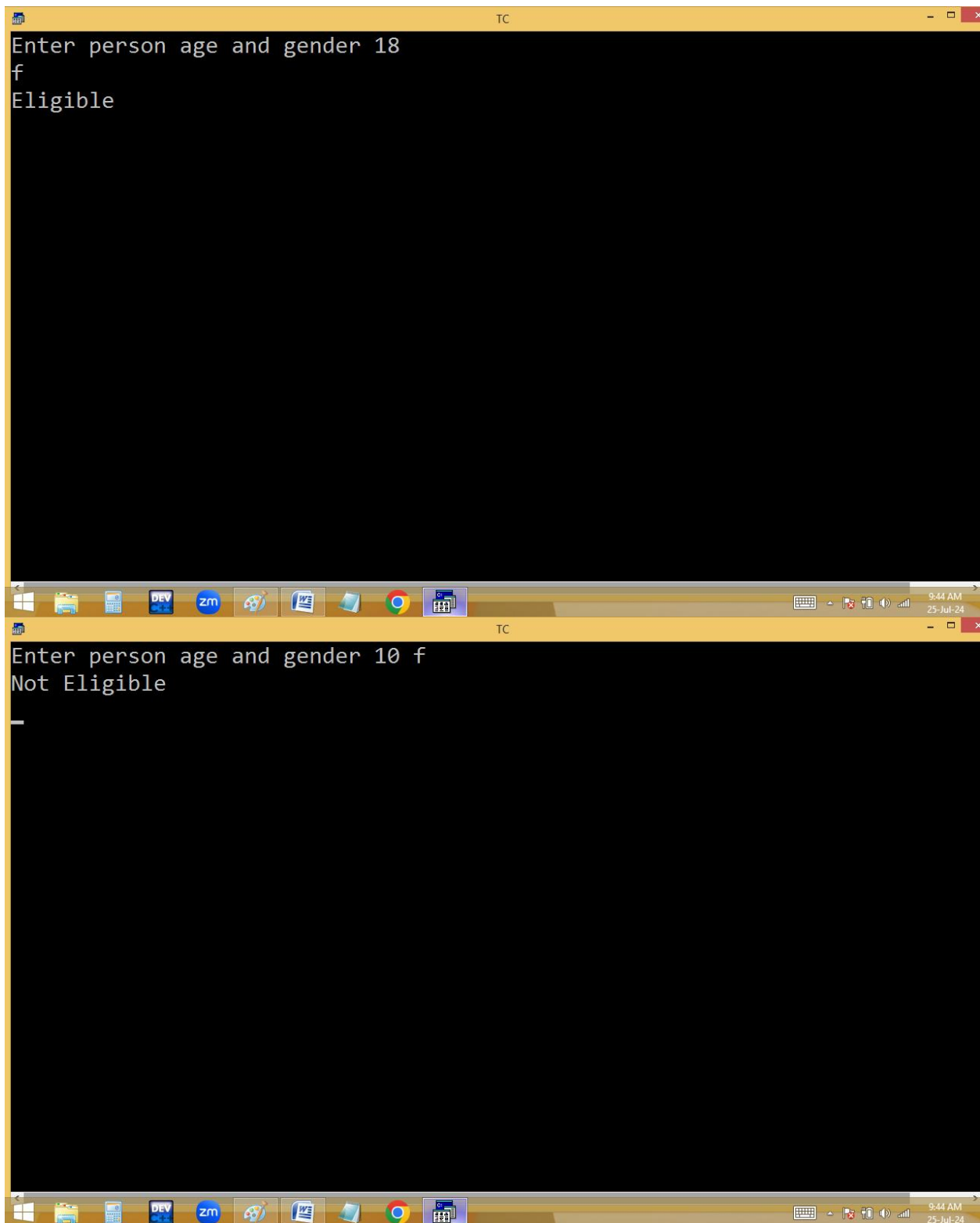
Read a person age and gender and determine that person is eligible for marriage or not.



```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 29 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int age;
char gen;
clrscr();
printf("Enter person age and gender "); scanf("%d %c",&age,&gen);
if(gen=='m' || gen=='M' || gen=='f' || gen=='F')
{
if(age>=21 || (gen=='f' || gen=='F') && age>=18) puts("Eligible");
else puts("Not Eligible");
}
else puts("Invalid gender");_
getch();
}
```

Enter person age and gender 25 g
Invalid gender





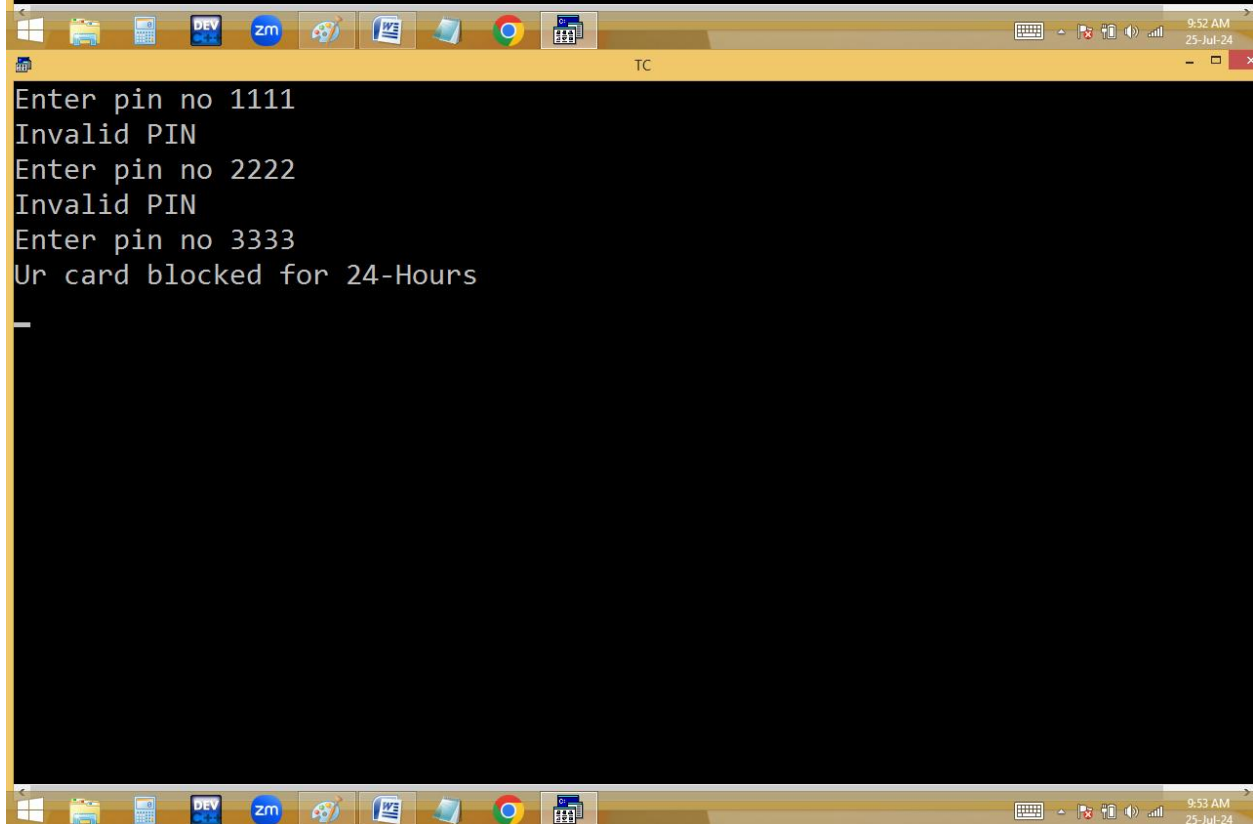
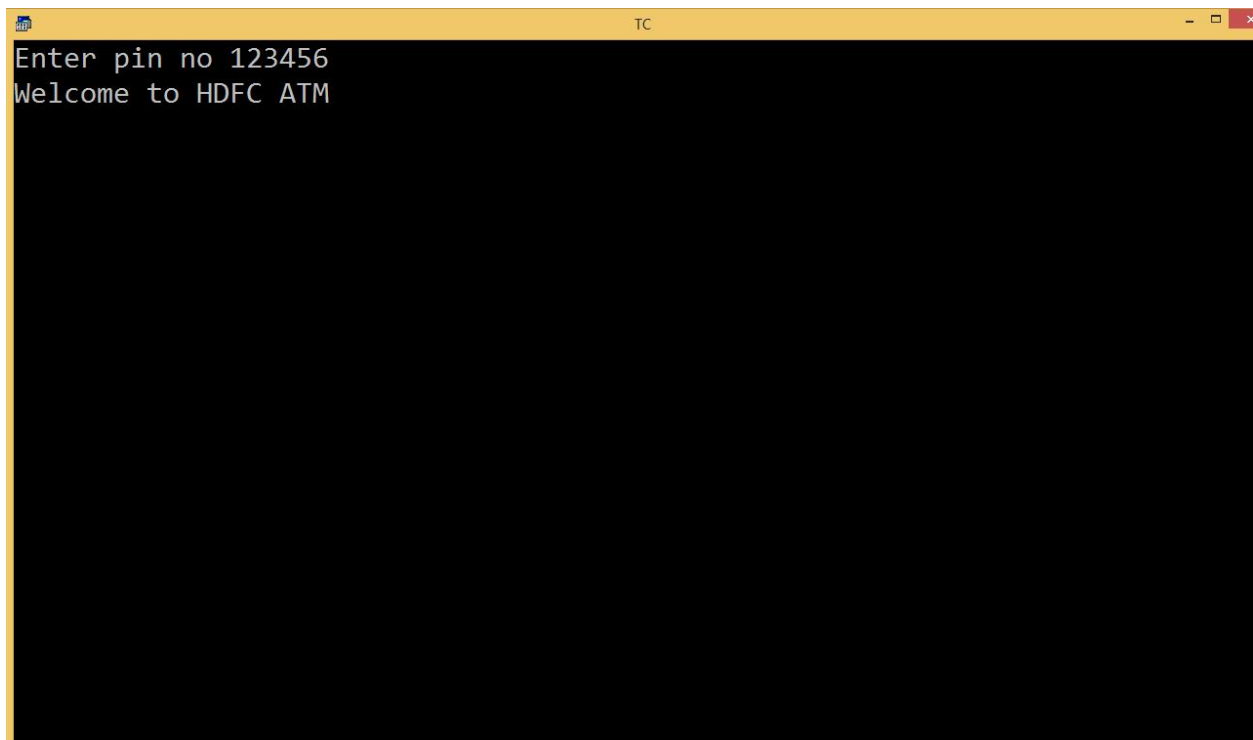
ATM PIN Validation:

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays a C program for ATM PIN validation. The code includes `<stdio.h>` and `<conio.h>`, and defines a `main` function. Inside `main`, it declares `pin` and `c`, clears the screen with `clrscr()`, and enters a loop labeled `abc`. The loop prompts the user to enter a PIN using `scanf`. If the PIN is 1234, it prints "Welcome to HDFC ATM". Otherwise, it increments `c` and checks if `c` reaches 3. If so, it prints "Ur card blocked for 24-Hours". If not, it prints "Invalid PIN" and jumps back to the `abc` label using `goto`. The program ends with `getch()`.

The bottom window shows the program's execution. It displays the prompt "Enter pin no 1234" and the output "Welcome to HDFC ATM".

```
File Edit Run Compile Project Options Debug Break/watch
Line 16 Col 2 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int pin,c=0;
clrscr();
abc:
printf("Enter pin no "); scanf("%d",&pin);
if(pin==1234)puts("Welcome to HDFC ATM");
else
{
c++;
if(c==3)puts("Ur card blocked for 24-Hours");
else {puts("Invalid PIN"); goto abc;
}
}
getch();
}
```

Enter pin no 1234
Welcome to HDFC ATM



IRCTC Login:

```
#include<stdio.h>

#include<conio.h>

#include<string.h>

void main()

{

char user[20], pass[20], cap[20];

clrscr();

printf("Enter user name "); scanf("%s",user);

printf("Enter pass word "); scanf("%s",pass);

printf("Enter captcha  "); scanf("%s",cap);

if(strcmp(user,"Kishore")==0)

{

if(strcmp(pass,"Indian")==0)

{

if(strcmp(cap,"Hyd-1")==0) puts("Welcome to IRCTC");

else puts("Invalid Captcha");

}

else puts("Invalid Pass word");

}
```

```
else puts("Invalid User name");
```

```
getch();
```

```
}
```

```
TC
Enter user name Kishore
Enter pass word Indian
Enter captcha Hyd-1
Welcome to IRCTC
```

```
TC
Enter user name abcd
Enter pass word xyz
Enter captcha 123
Invalid User name
```



```
TC
Enter user name Kishore
Enter pass word dfdf
Enter captcha 454
Invalid Pass word
_
```

```
TC
Enter user name Kishore
Enter pass word Indian
Enter captcha hyd
Invalid Captcha
_
```

Gmail Style Login:

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
#include<string.h>
```

```
void main()
```

```
{
```

```
char user[20], pass[20], cap[20];
```

```
clrscr();
```

```
printf("Enter user name "); scanf("%s",user);
```

```
if(strcmp(user,"Kishore")==0)
```

```
{
```

```
printf("Enter pass word "); scanf("%s",pass);
```

```
if(strcmp(pass,"Indian")==0)
```

```
{
```

```
printf("Enter captcha "); scanf("%s",cap);
```

```
if(strcmp(cap,"Hyd-1")==0) puts("Welcome to Gmail");
```

```
else puts("Invalid Captcha");
```

```
}
```

```
else puts("Invalid Pass word");
```

```
}
```

```
else puts("Invalid User name");
```

```
getch();
```

```
}
```

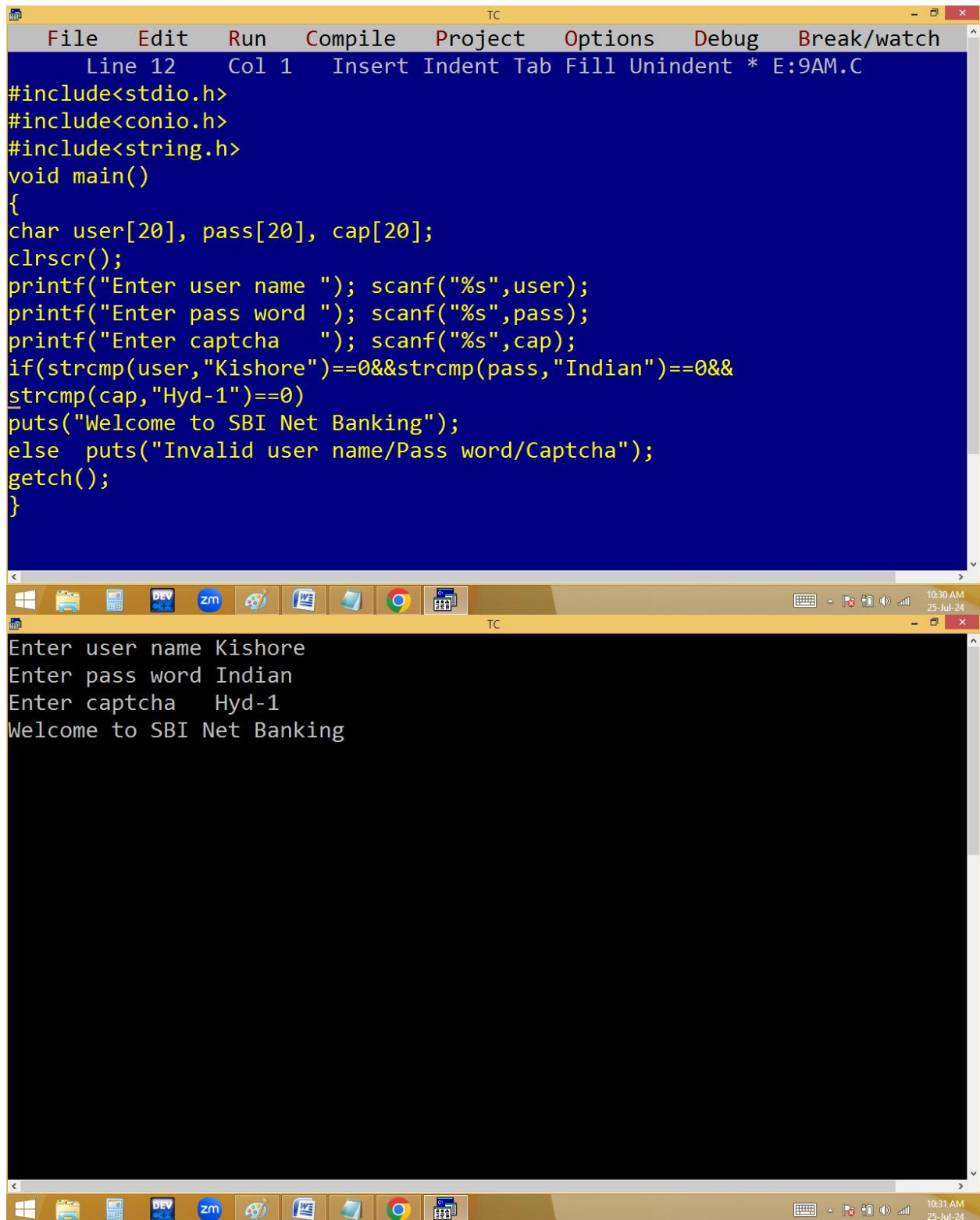
```
TC
Enter user name krish
Invalid User name
```

```
TC
Enter user name Kishore
Enter pass word dfsdf
Invalid Pass word
```

```
TC
Enter user name Kishore
Enter pass word Indian
Enter captcha ddfdd
Invalid Captcha
```

```
TC
Enter user name Kishore
Enter pass word Indian
Enter captcha Hyd-1
Welcome to Gmail
```

Internet Banking style:



The image shows a Turbo C++ (TC) IDE window with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 12, Col 1, Insert, Indent, Tab, Fill, Unindent, * E:9AM.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
char user[20], pass[20], cap[20];
clrscr();
printf("Enter user name "); scanf("%s",user);
printf("Enter pass word "); scanf("%s",pass);
printf("Enter captcha "); scanf("%s",cap);
if(strcmp(user,"Kishore")==0&&strcmp(pass,"Indian")==0&&
strcmp(cap,"Hyd-1")==0)
puts("Welcome to SBI Net Banking");
else puts("Invalid user name/Pass word/Captcha");
getch();
}
```

Below the editor, the program's execution output is displayed in a black console window:

```
Enter user name Kishore
Enter pass word Indian
Enter captcha Hyd-1
Welcome to SBI Net Banking
```

The Windows taskbar at the bottom shows the time as 10:30 AM on 25-Jul-24.

```
TC
Enter user name abc
Enter pass word xyz
Enter captcha   fff
Invalid user name/Pass word/Captcha
```

```
TC
Enter user name Kishore
Enter pass word indian
Enter captcha   Hyd-1
Invalid user name/Pass word/Captcha
```

Read a stu id, name, 6 sub marks, tot, avg and grade using below table.

Avg	grade
>=75	Distinction
>=60	1st class
>=50	2nd class
>=35	3rd class
<35	Fail

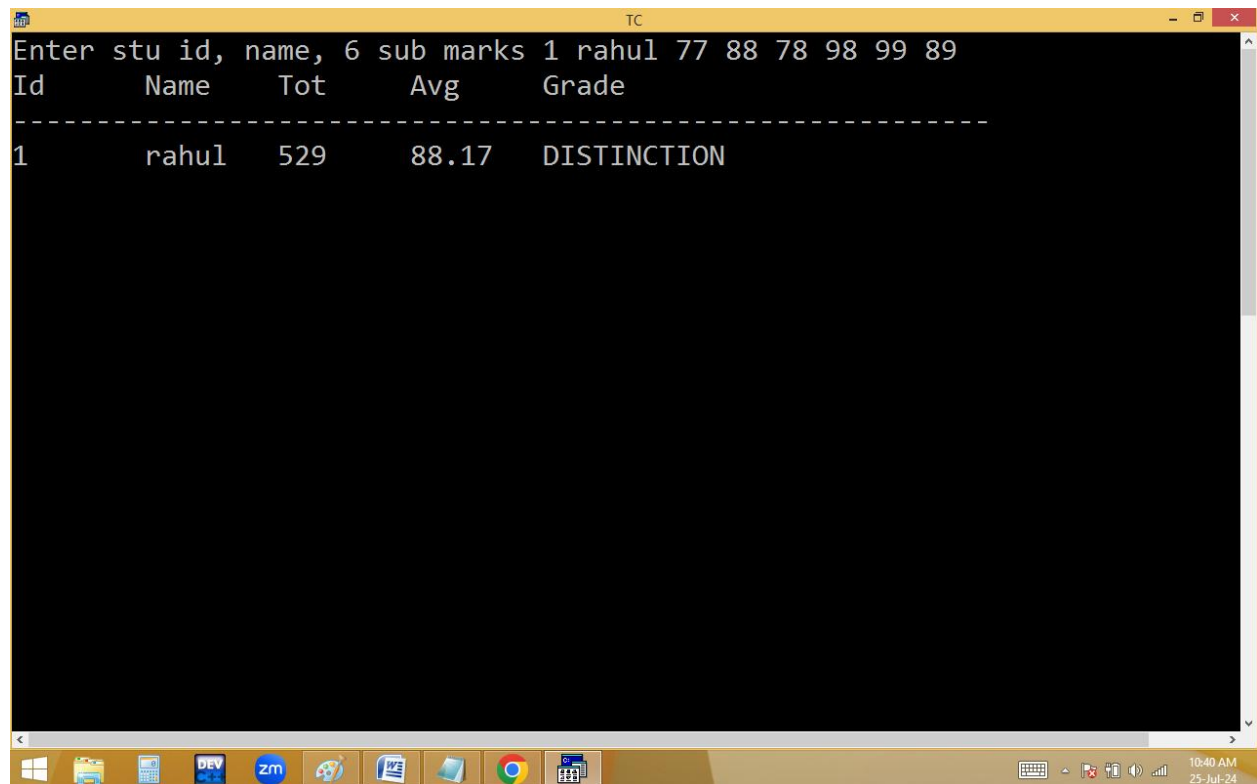

```
TC
#include<stdio.h>
#include<conio.h>
void main()
{
int id, tel,eng,hin,mat,sci,soc,tot;char name[20];float avg;clrscr();
printf("Enter stu id, name, 6 sub marks ");
scanf("%d%s%d%d%d%d%d",&id,name,&tel,&eng,&hin,&mat,&sci,&soc);
tot=tel+eng+hin+mat+sci+soc; avg=tot/6.0;
puts("Id\tName\tTot\tAvg\tGrade");
puts("-----");
printf("%d\t%s\t%d\t%.2f\t",id,name,tot,avg);
if(tel>=35&&eng>=35&&hin>=35&&mat>=35&&sci>=35&&soc>=35)
{
if(avg>=75)puts("DISTINCTION");
else if(avg>=60)puts("1st Class");
else if(avg>=50)puts("2nd Class");
else puts("3rd Class");
}
else puts("Failed");getch();
}
```

Enter stu id, name, 6 sub marks 10 abhi 55 45 30 45 45 65

Id	Name	Tot	Avg	Grade
10	abhi	285	47.50	Failed

TC

```
TC
Enter stu id, name, 6 sub marks 1 rahul 77 88 78 98 99 89
Id      Name    Tot    Avg    Grade
-----
1       rahul   529    88.17  DISTINCTION
```



The screenshot shows a Windows 10 desktop environment. A terminal window titled "TC" is open, displaying a student record for ID 1, name rahul, with a total score of 529, an average of 88.17, and a grade of DISTINCTION. The taskbar at the bottom contains icons for the Start menu, File Explorer, Microsoft Edge, DEV, Zoom, a network icon, a document icon, a folder icon, Google Chrome, and a task manager icon. The system tray on the right shows the time as 10:40 AM on 25-Jul-24, along with icons for keyboard, network, and volume.