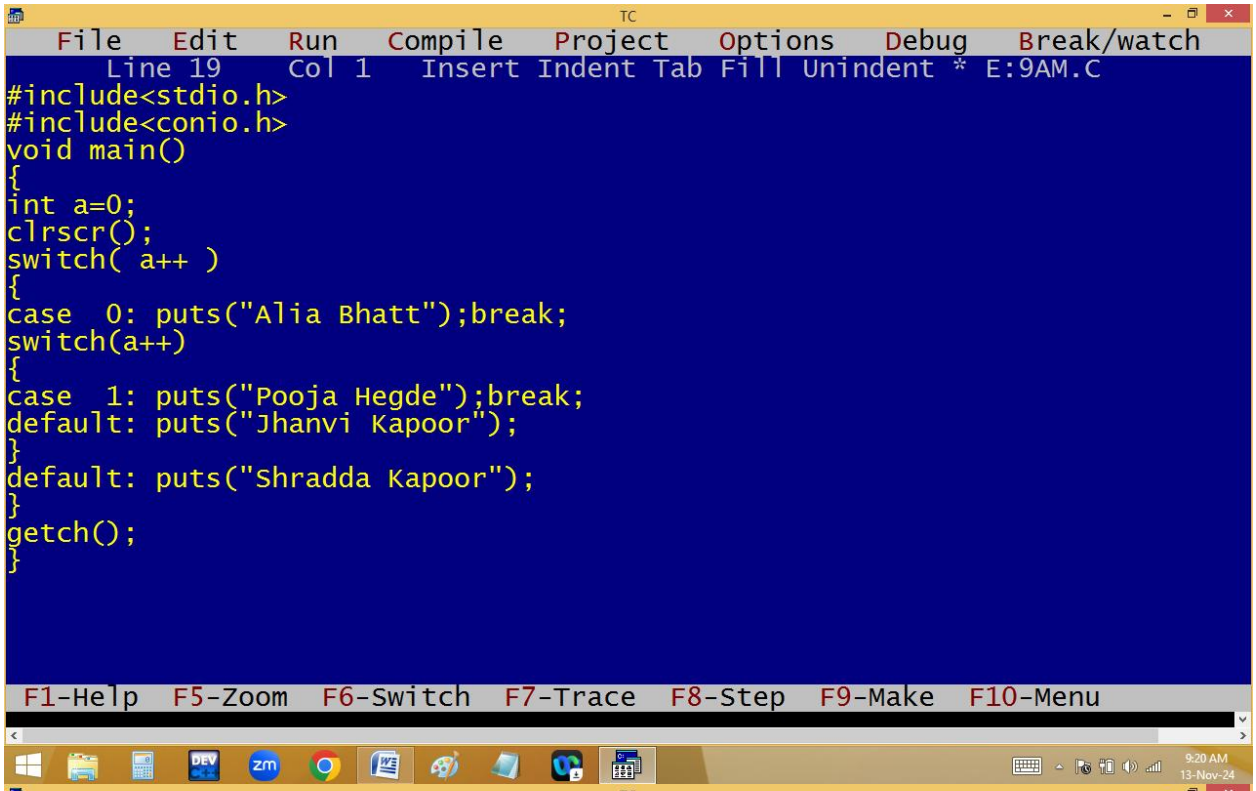
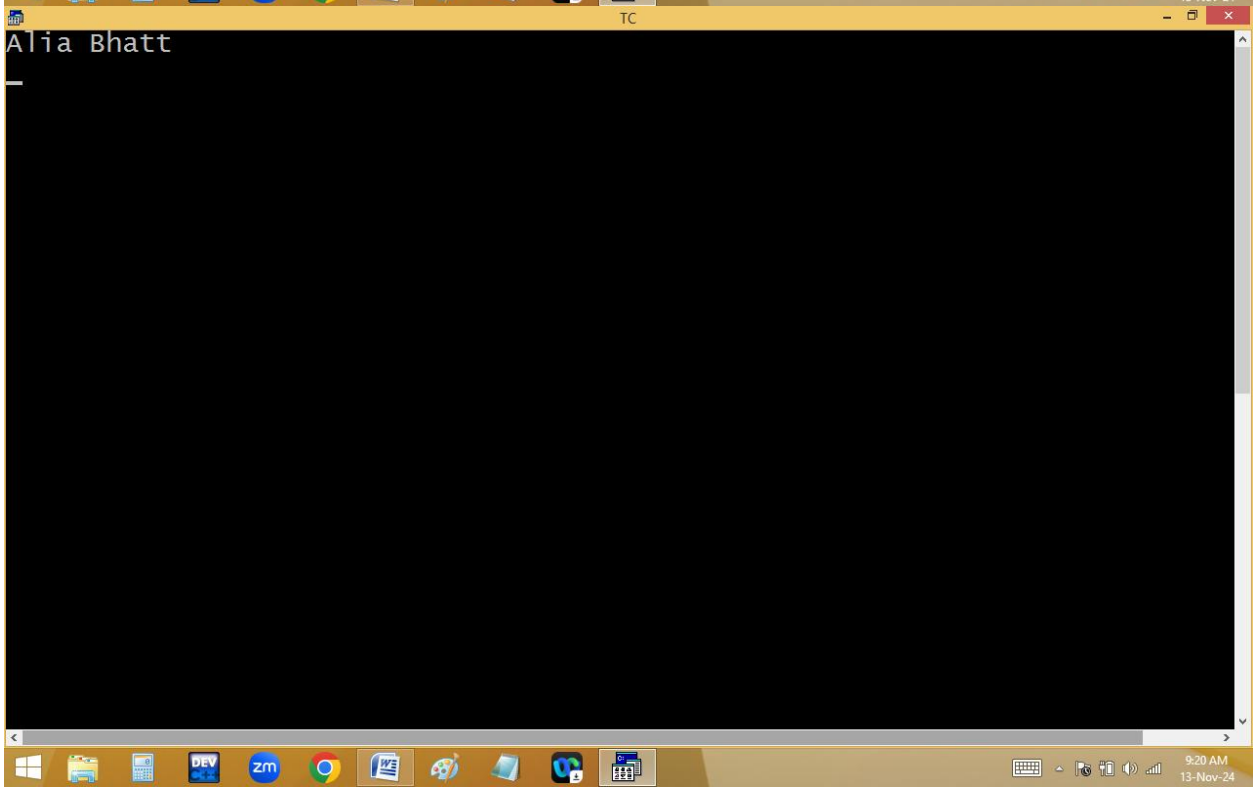
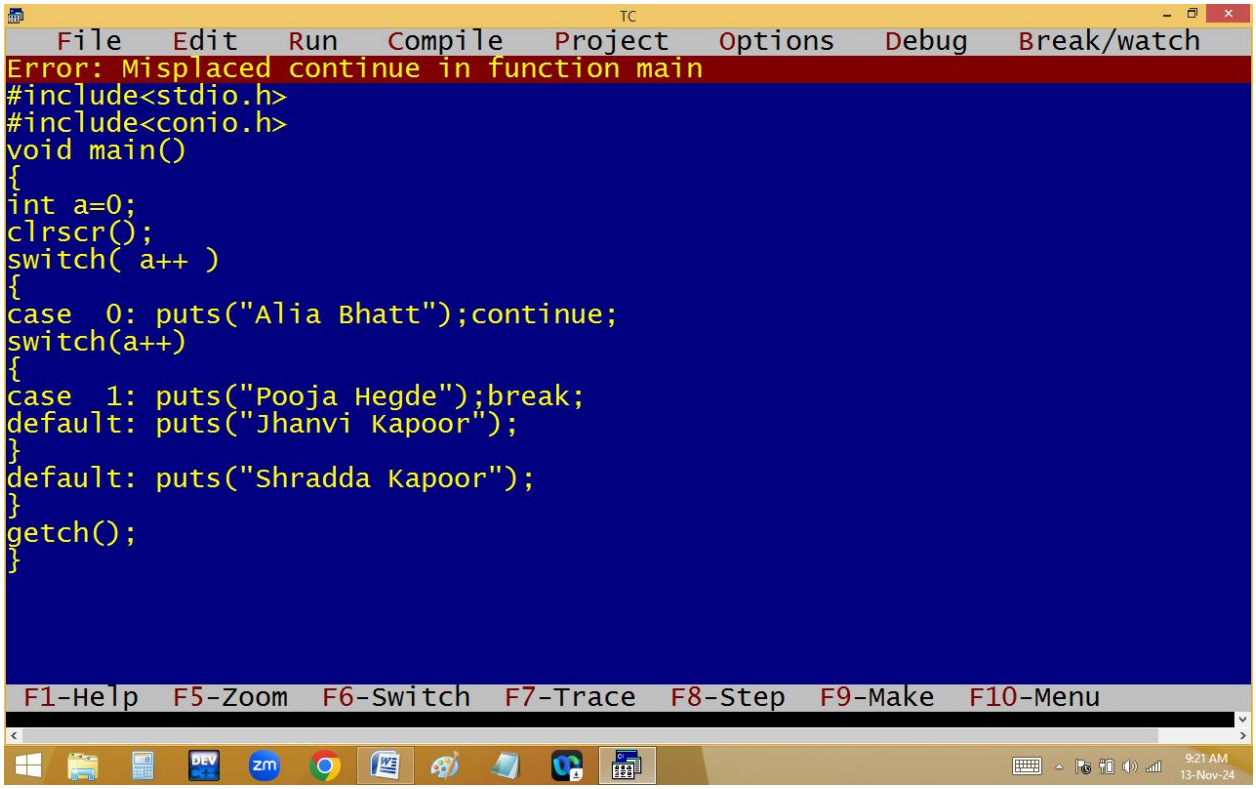
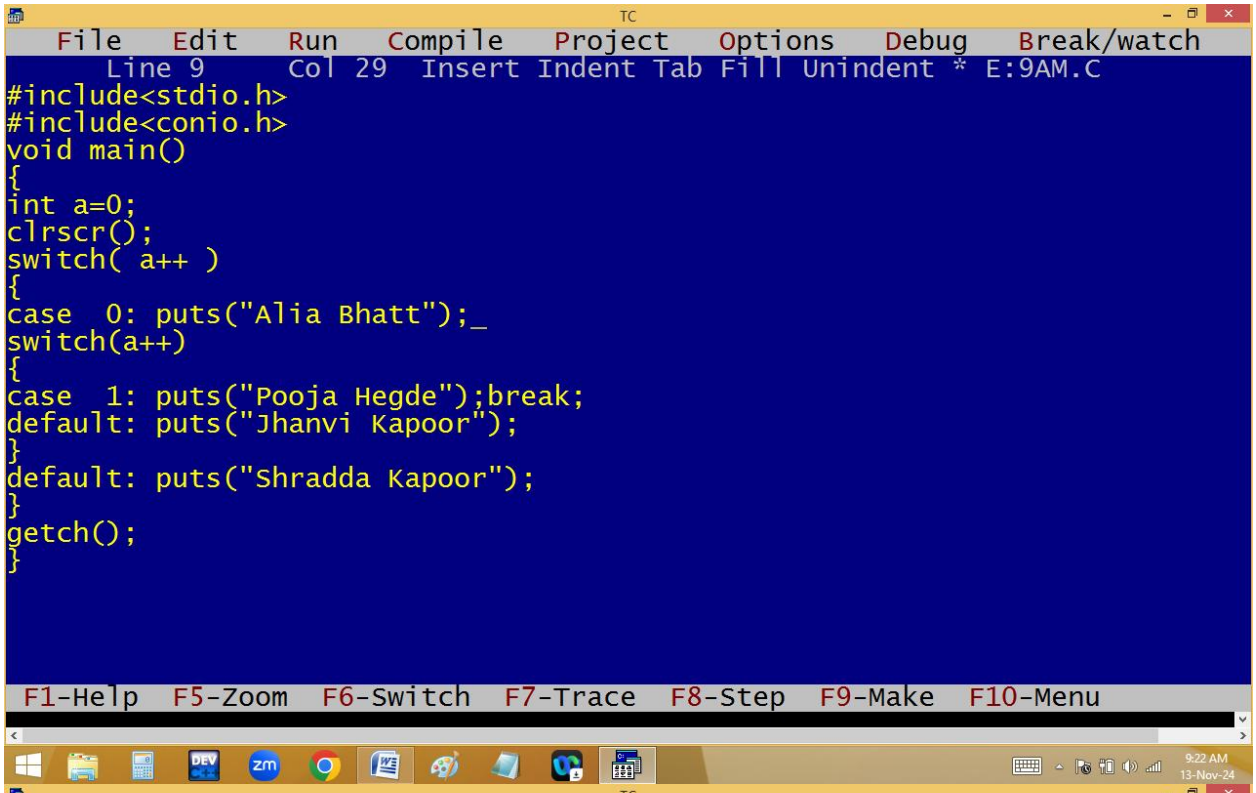
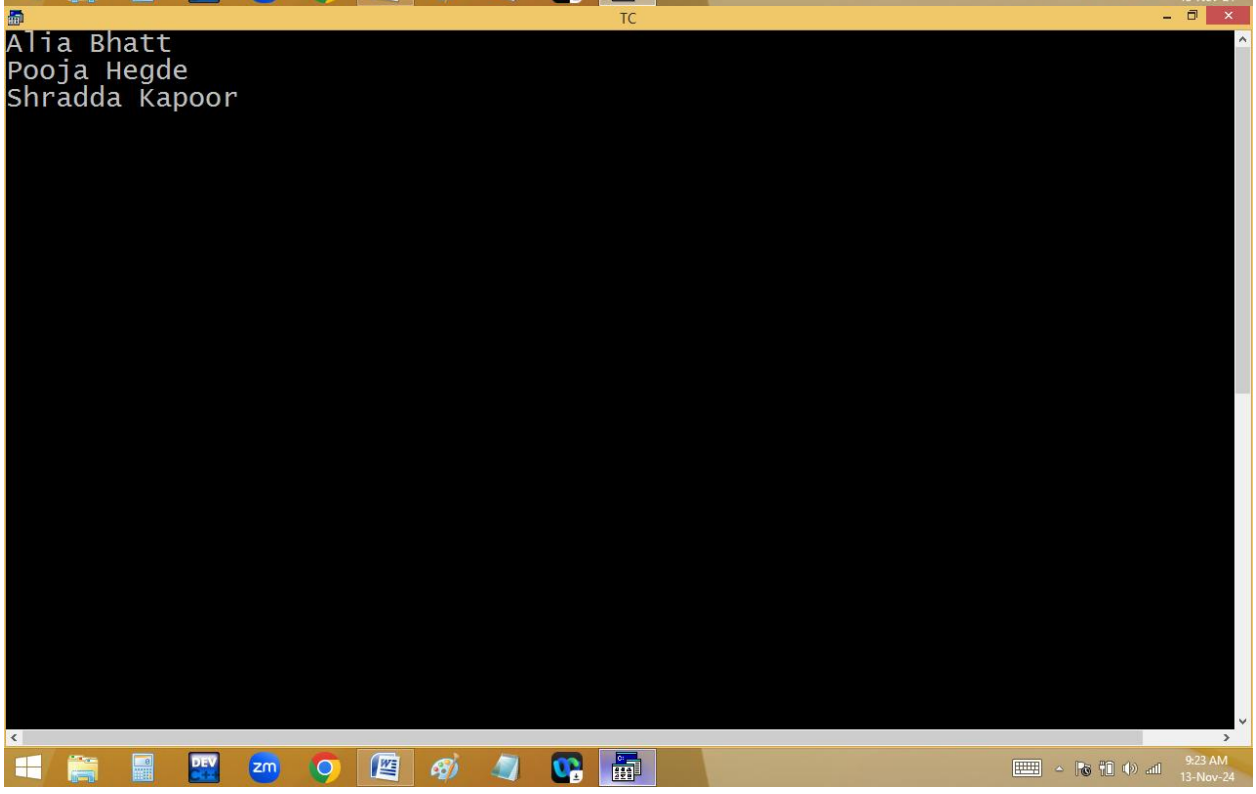
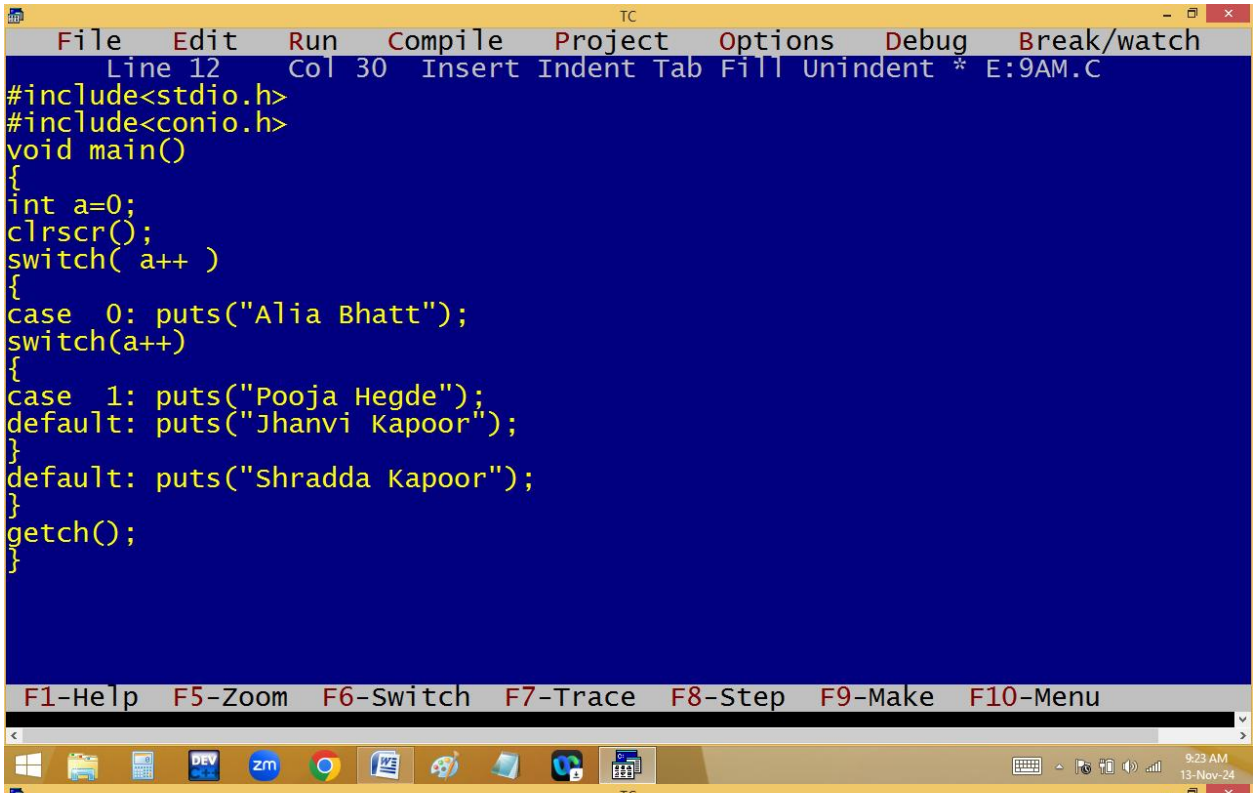

TC
File Edit Run Compile Project Options Debug Break/watch
Line 19 Col 1 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
switch(a++)
{
case 0: puts("Alia Bhatt");break;
switch(a++)
{
case 1: puts("Pooja Hegde");break;
default: puts("Jhanvi Kapoor");
}
default: puts("Shradda Kapoor");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu

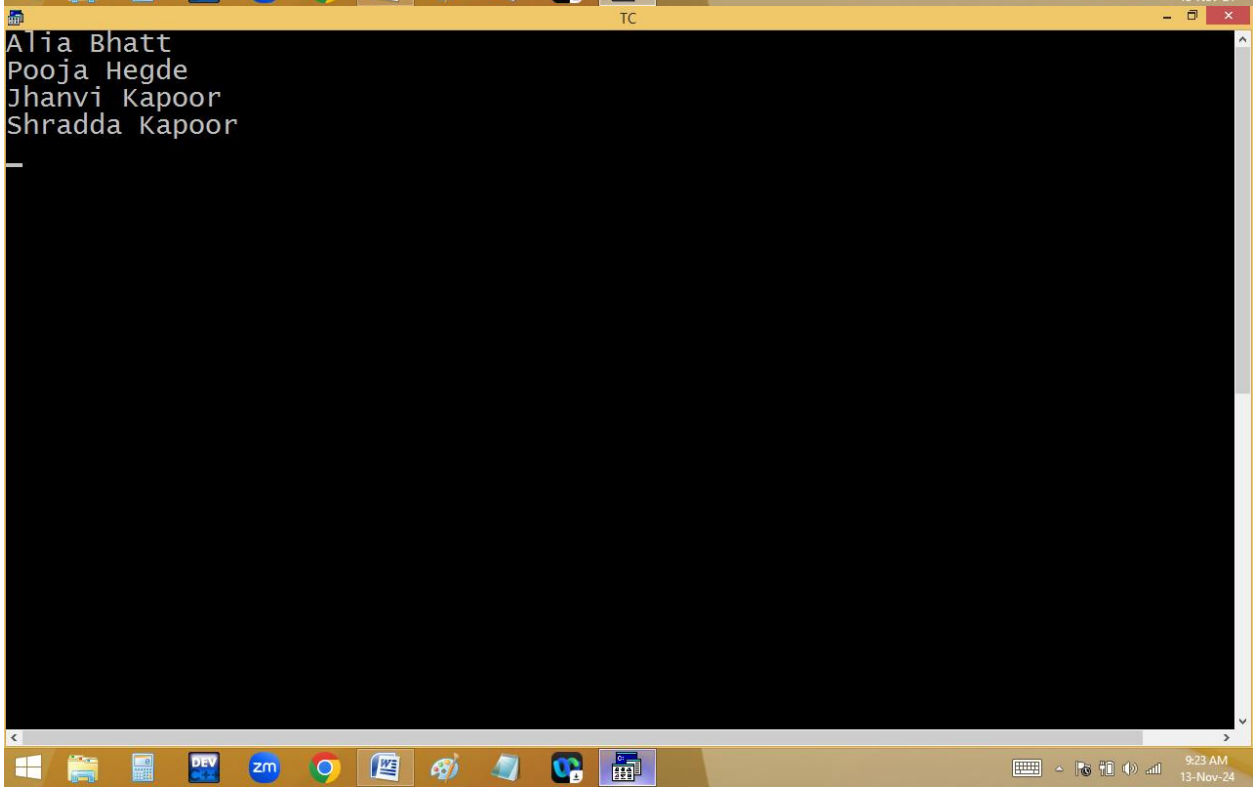

TC
Alia Bhatt

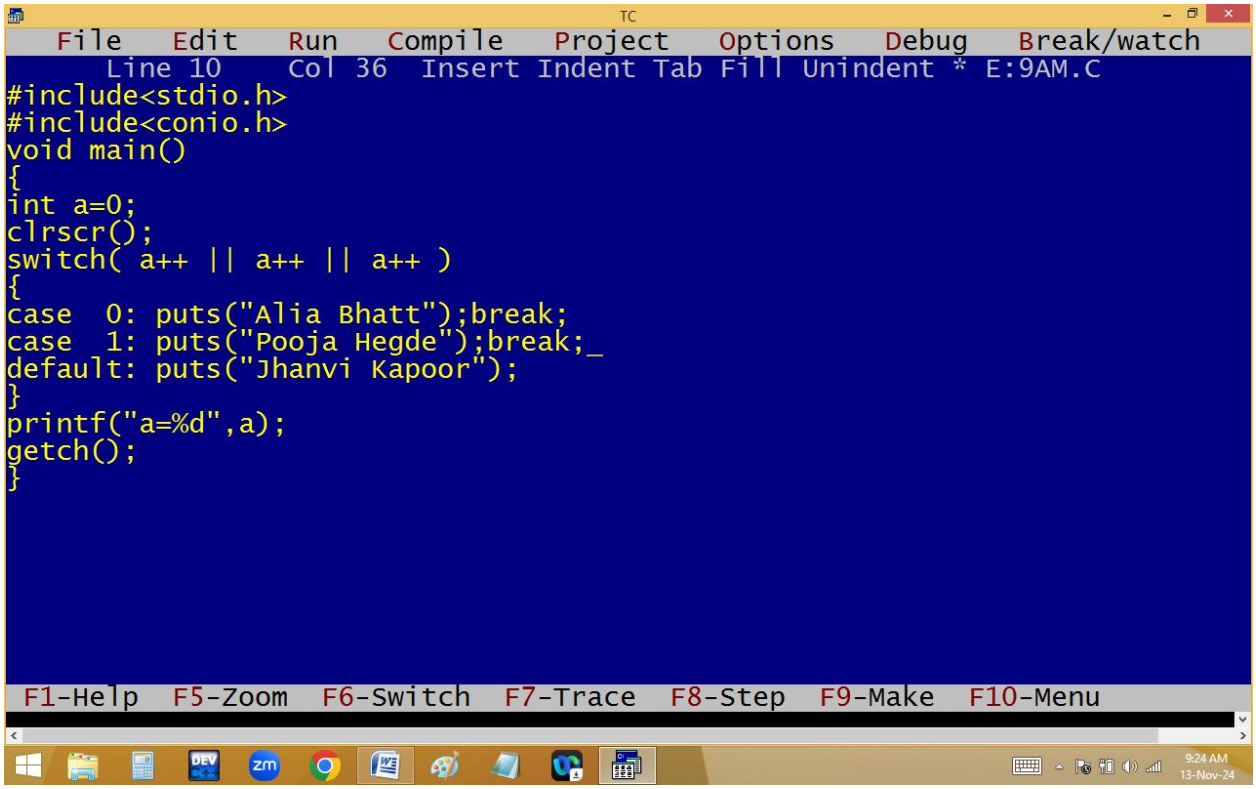

TC
File Edit Run Compile Project Options Debug Break/watch
Error: Misplaced continue in function main
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
switch(a++)
{
case 0: puts("Alia Bhatt");continue;
switch(a++)
{
case 1: puts("Pooja Hegde");break;
default: puts("Jhanvi Kapoor");
}
default: puts("Shradda Kapoor");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu
9:21 AM
13-Nov-24

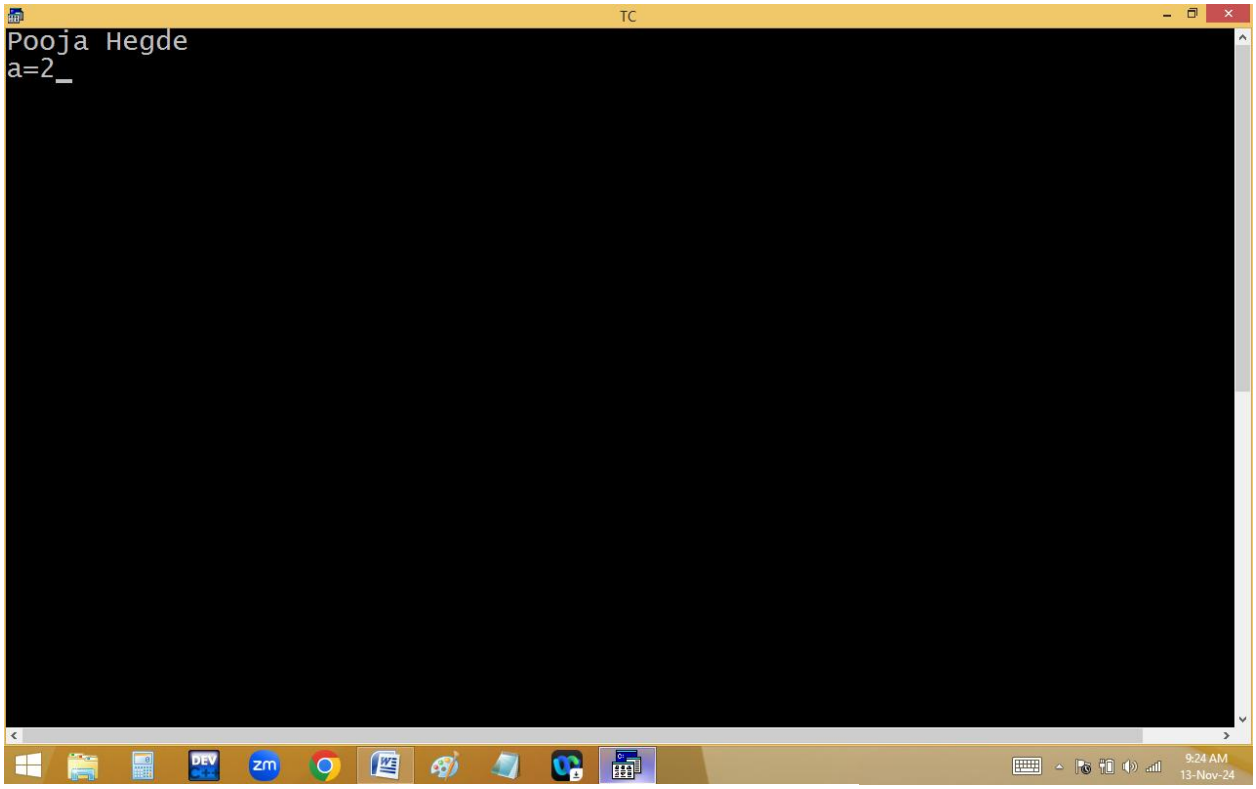

TC
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 29 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
switch(a++)
{
case 0: puts("Alia Bhatt");_
switch(a++)
{
case 1: puts("Pooja Hegde");break;
default: puts("Jhanvi Kapoor");
}
default: puts("Shradda Kapoor");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu

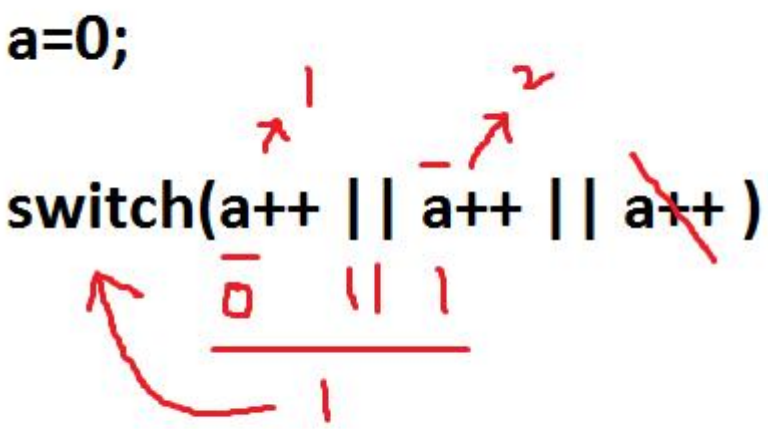

TC
Alia Bhatt
Pooja Hegde
Shradda Kapoor


TC
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 30 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
switch(a++)
{
case 0: puts("Alia Bhatt");
switch(a++)
{
case 1: puts("Pooja Hegde");
default: puts("Jhanvi Kapoor");
}
default: puts("Shradda Kapoor");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu

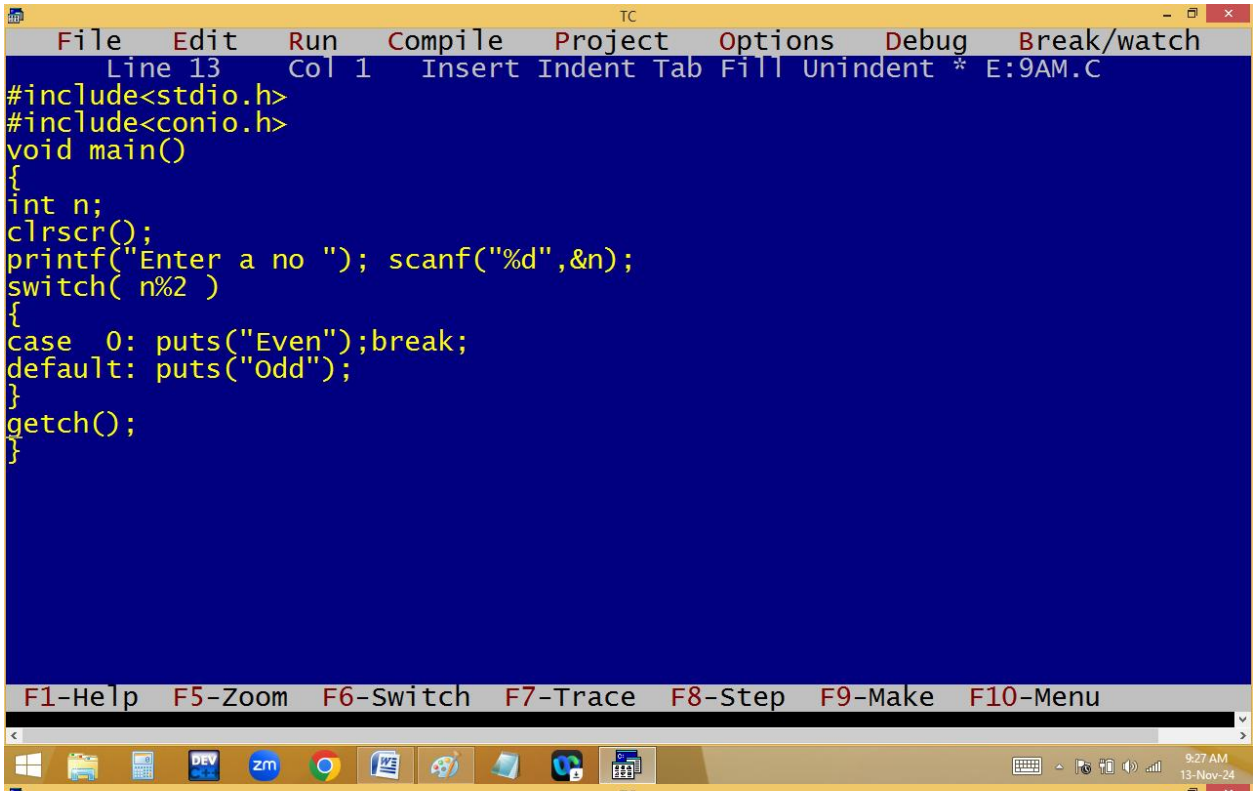

TC
Alia Bhatt
Pooja Hegde
Jhanvi Kapoor
Shradda Kapoor

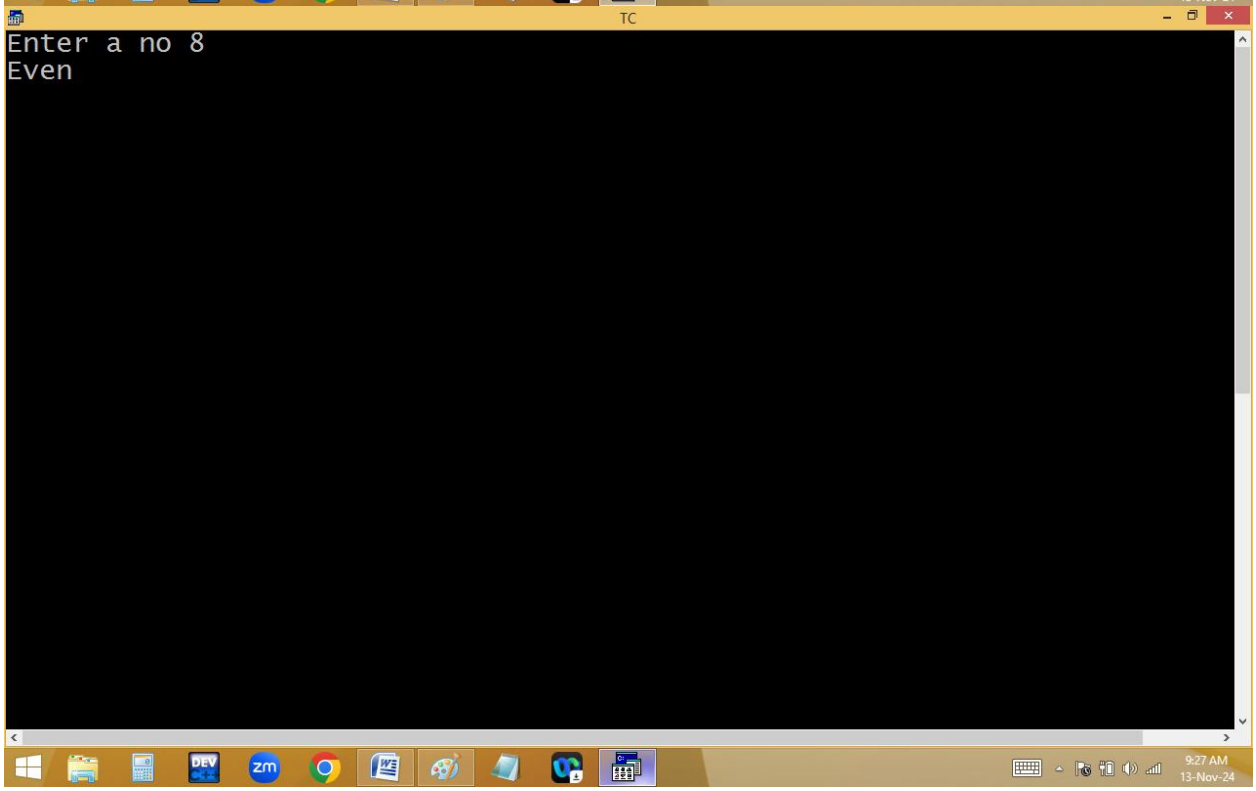

TC
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 36 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
switch(a++ || a++ || a++)
{
case 0: puts("Alia Bhatt");break;
case 1: puts("Pooja Hegde");break;_
default: puts("Jhanvi Kapoor");
}
printf("a=%d",a);
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu
9:24 AM
13-Nov-24

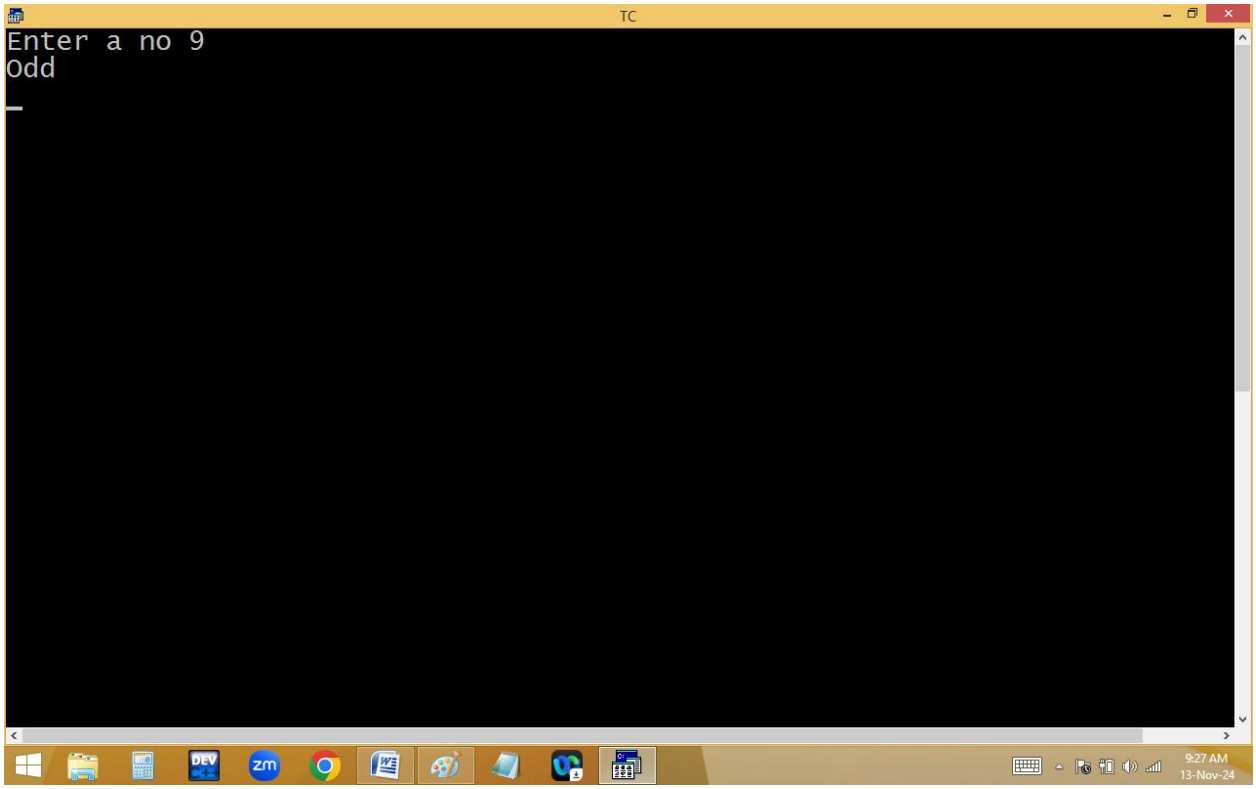




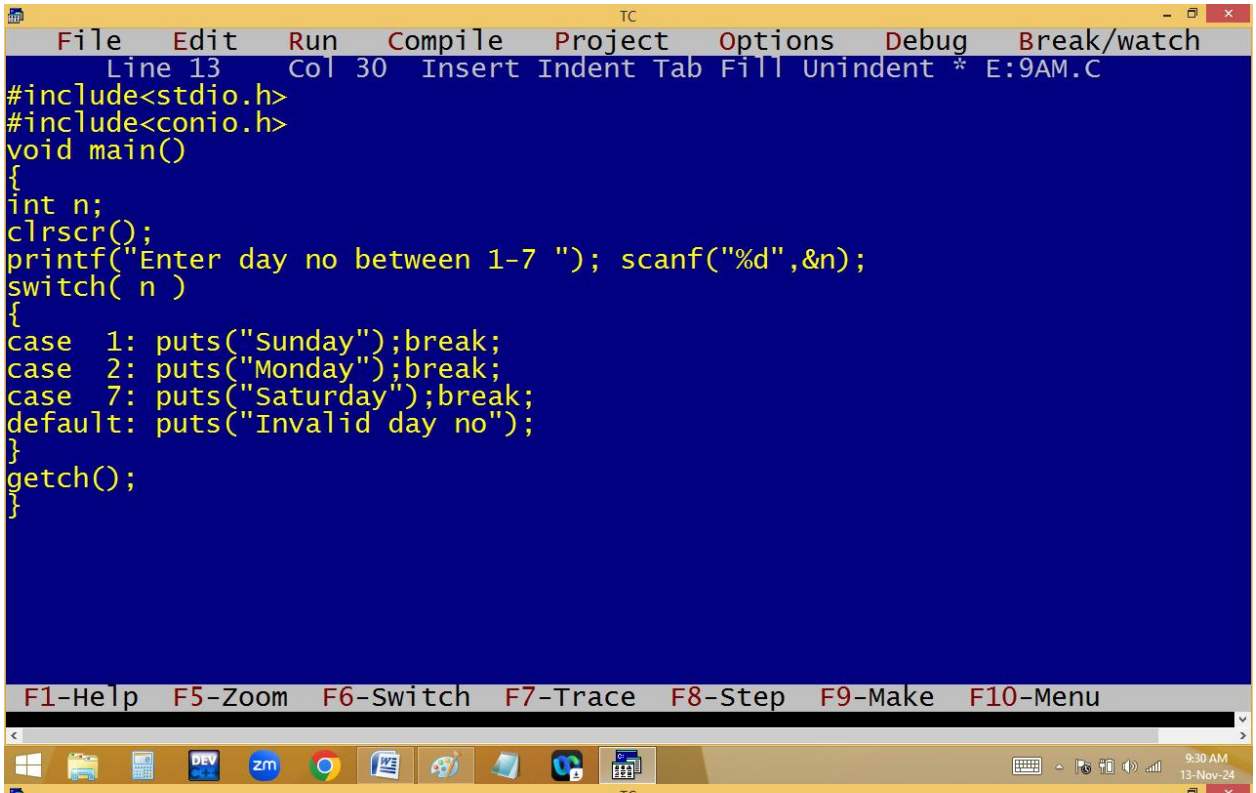
Finding even/odd using switch:

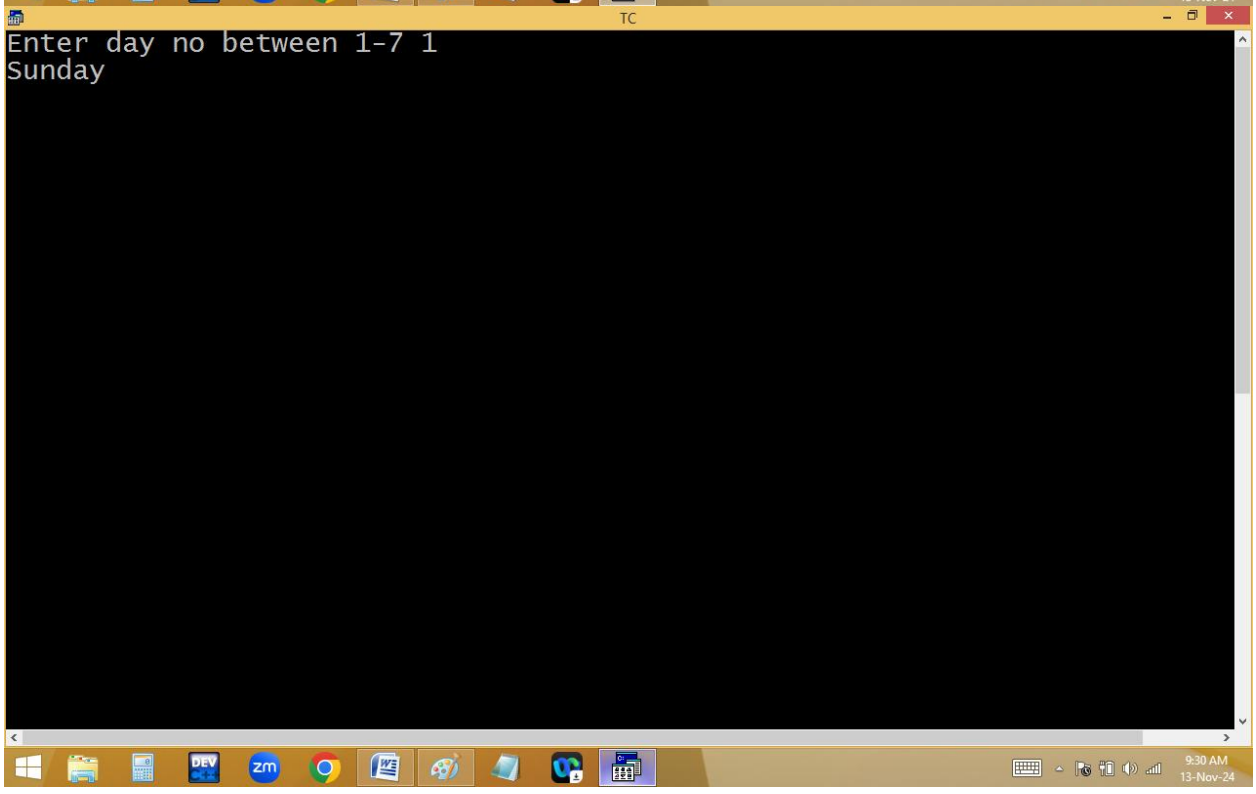

TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 1 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n;
clrscr();
printf("Enter a no "); scanf("%d",&n);
switch(n%2)
{
case 0: puts("Even");break;
default: puts("Odd");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu

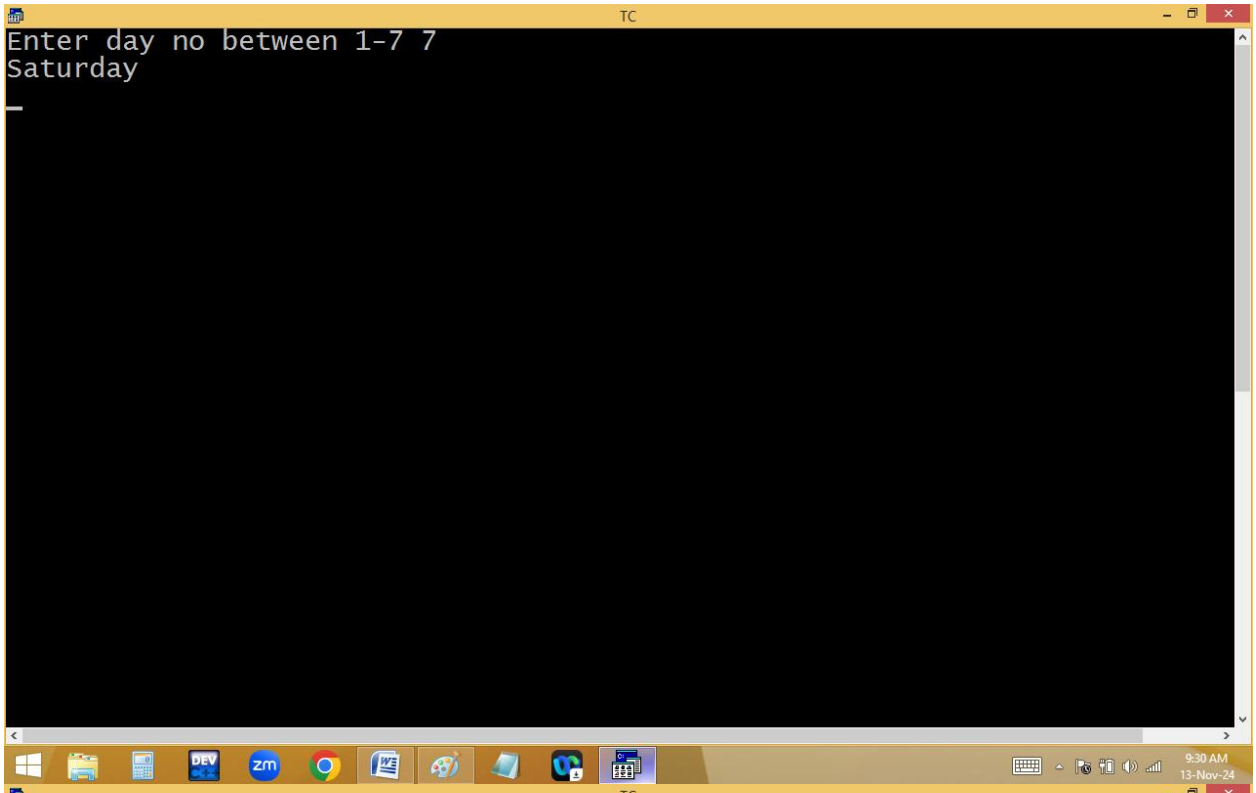

TC
Enter a no 8
Even

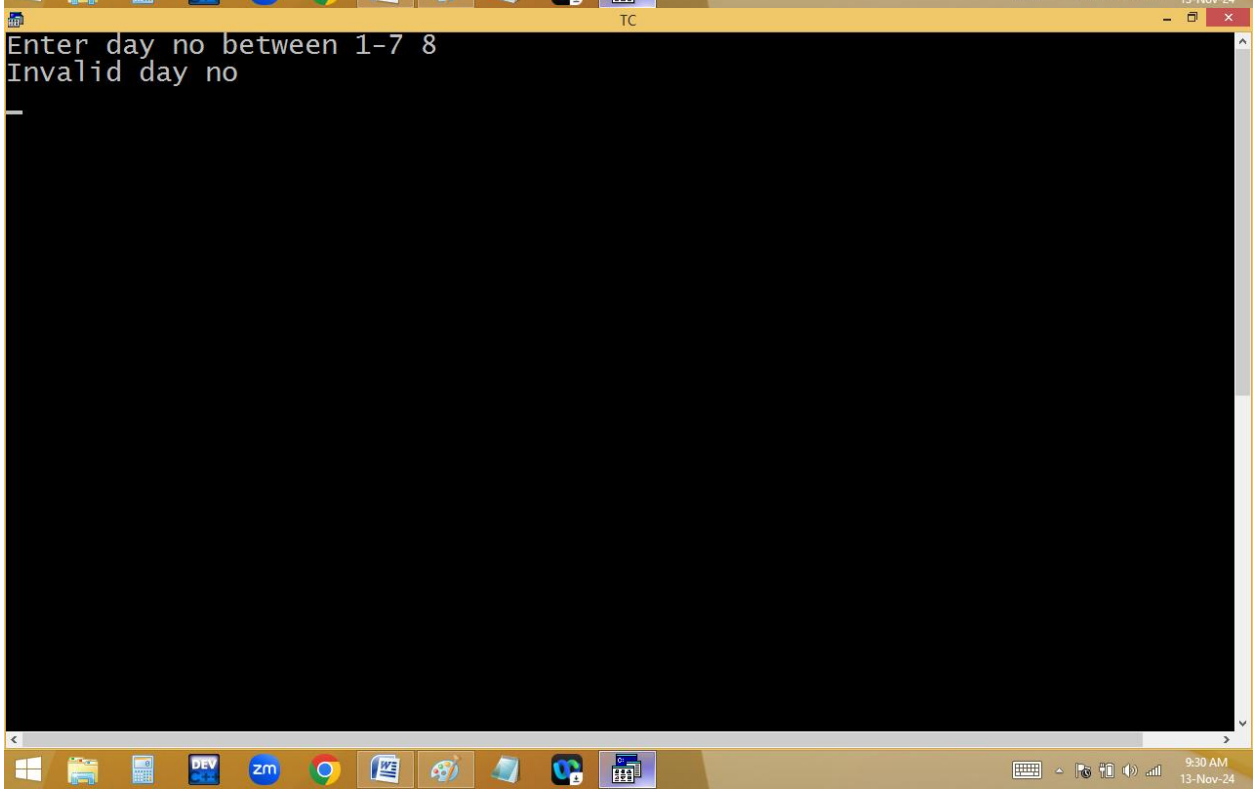


Finding weekday name:

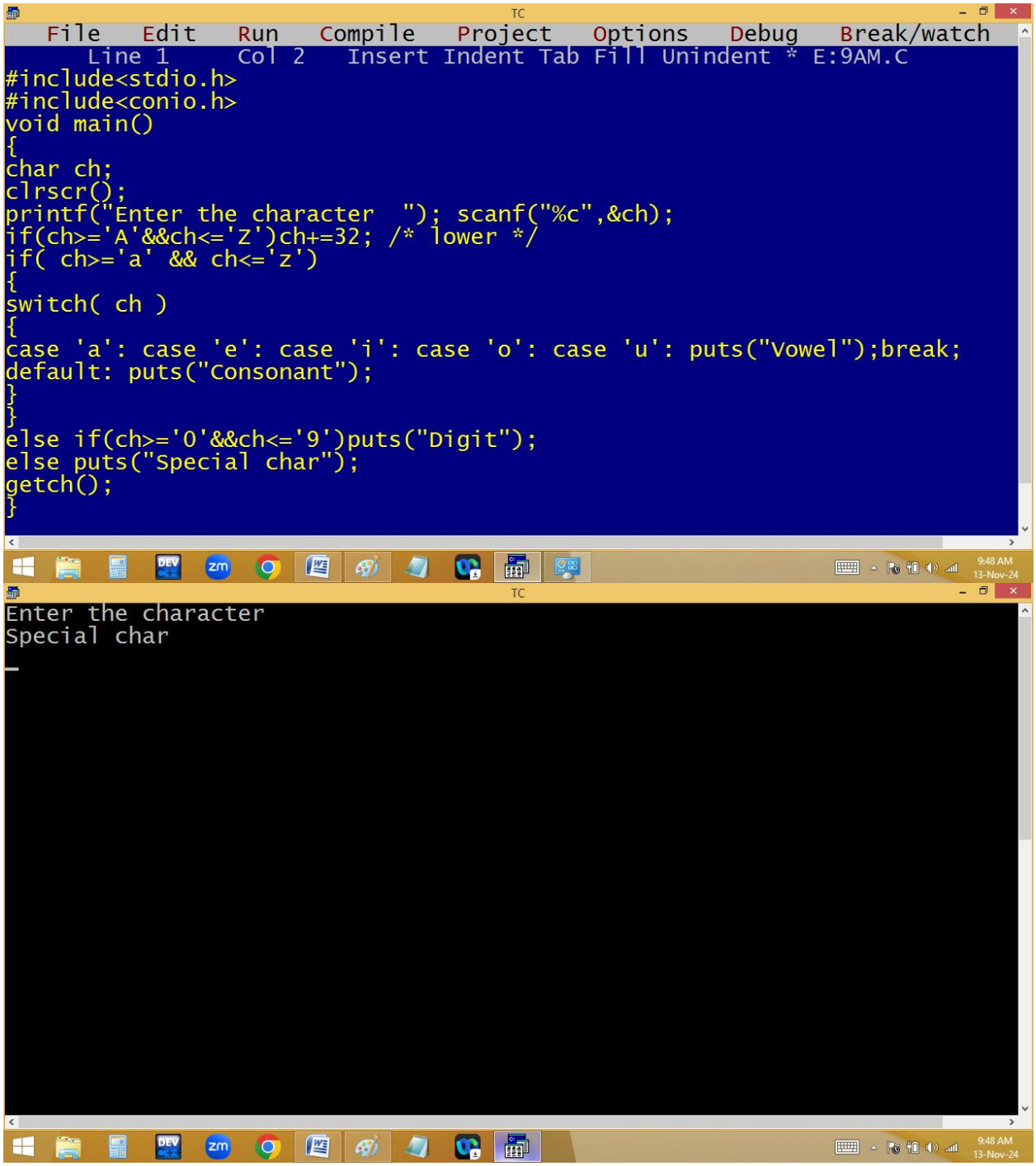

TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 30 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n;
clrscr();
printf("Enter day no between 1-7 "); scanf("%d",&n);
switch(n)
{
case 1: puts("Sunday");break;
case 2: puts("Monday");break;
case 7: puts("Saturday");break;
default: puts("Invalid day no");
}
getch();
}
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu

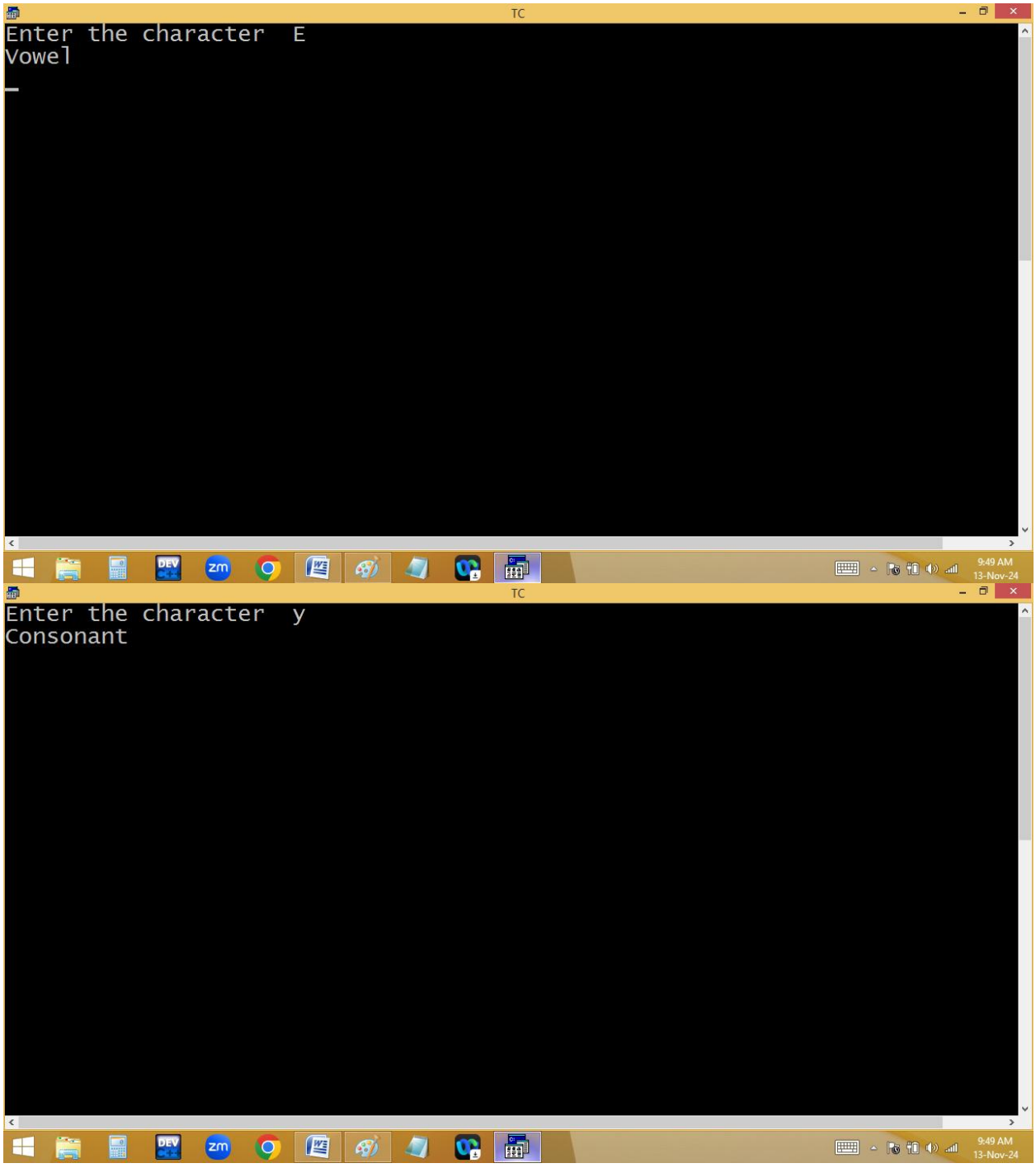

TC
Enter day no between 1-7 1
Sunday

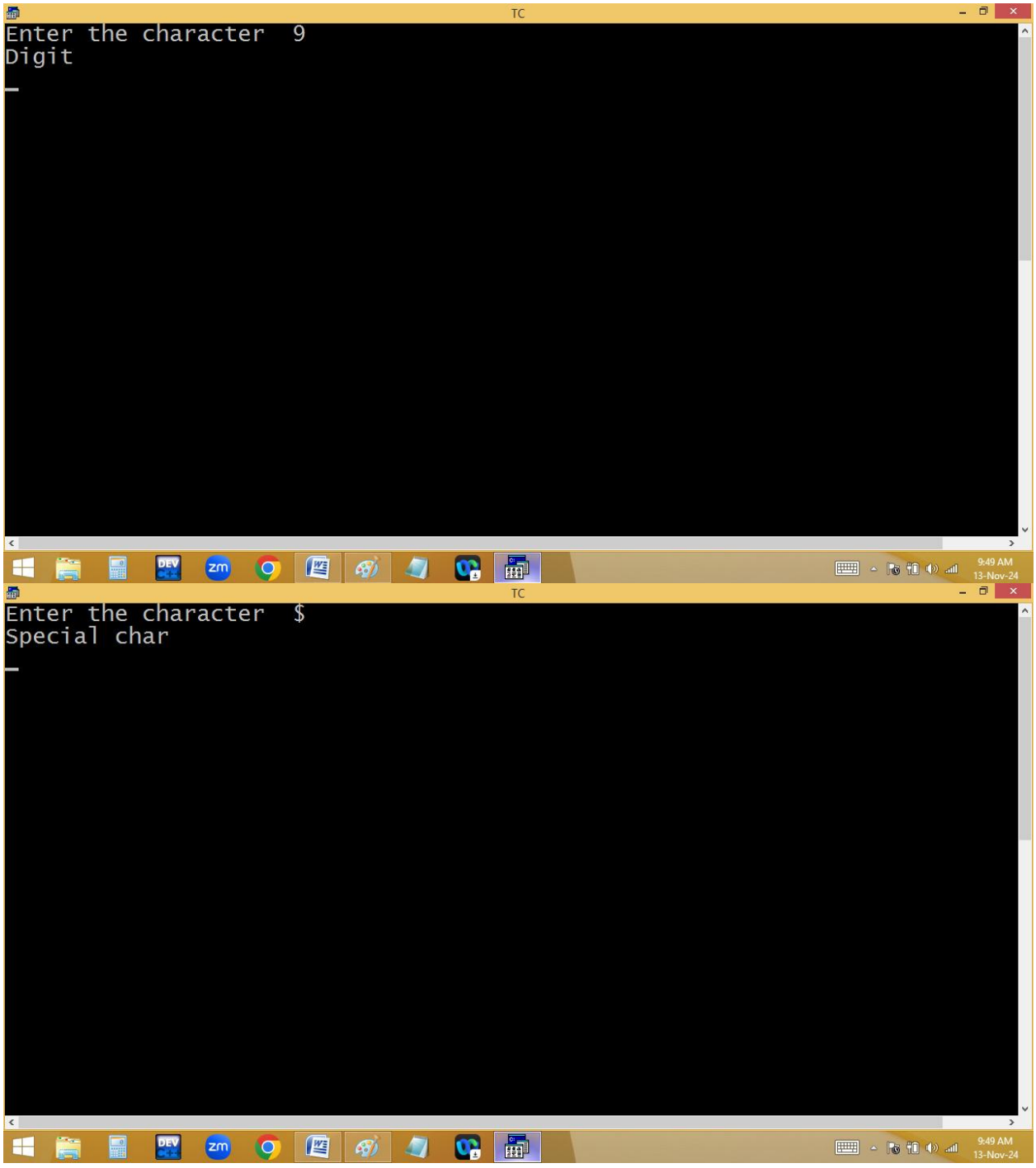

TC
Enter day no between 1-7 7
Saturday

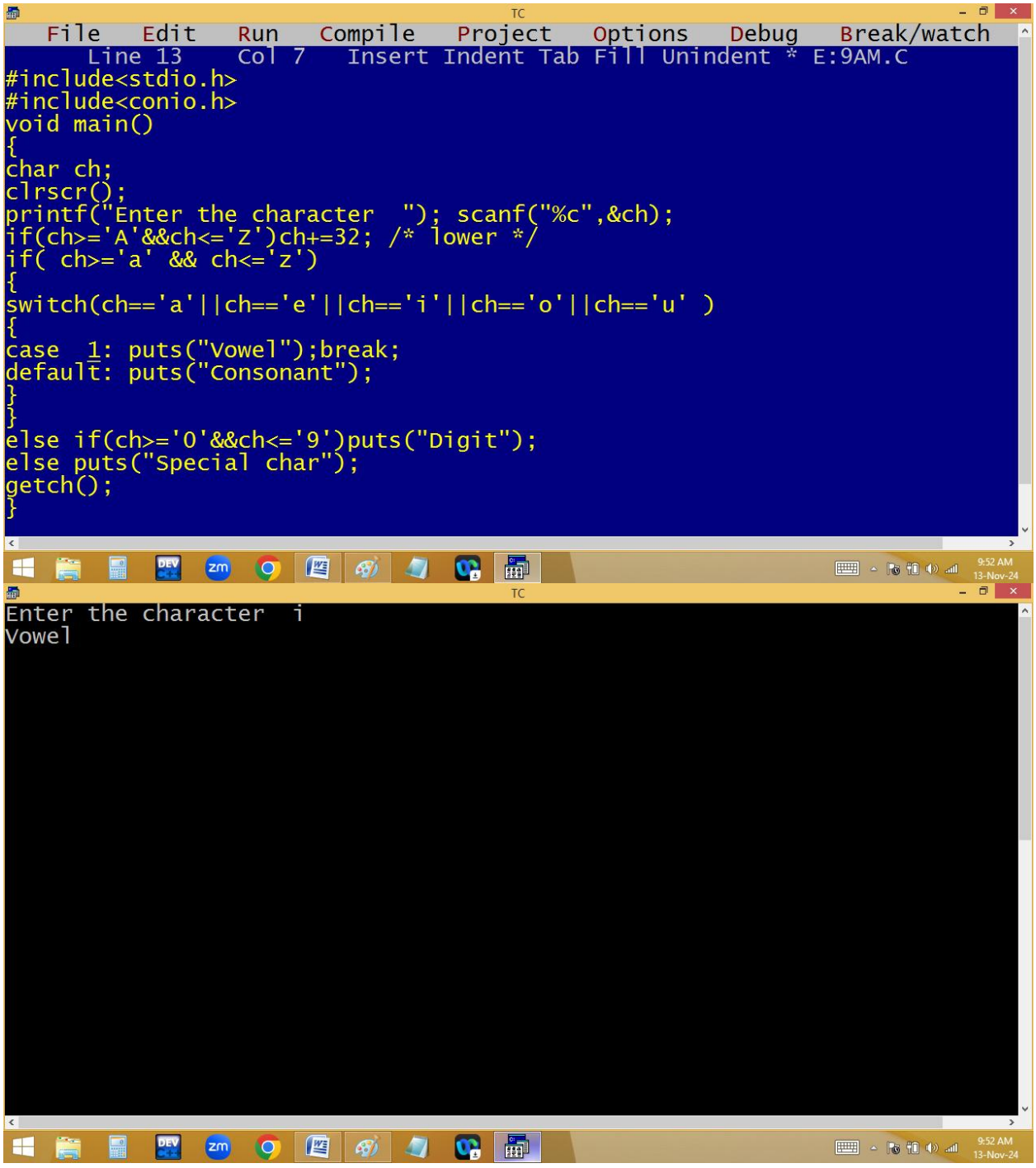

TC
Enter day no between 1-7 8
Invalid day no

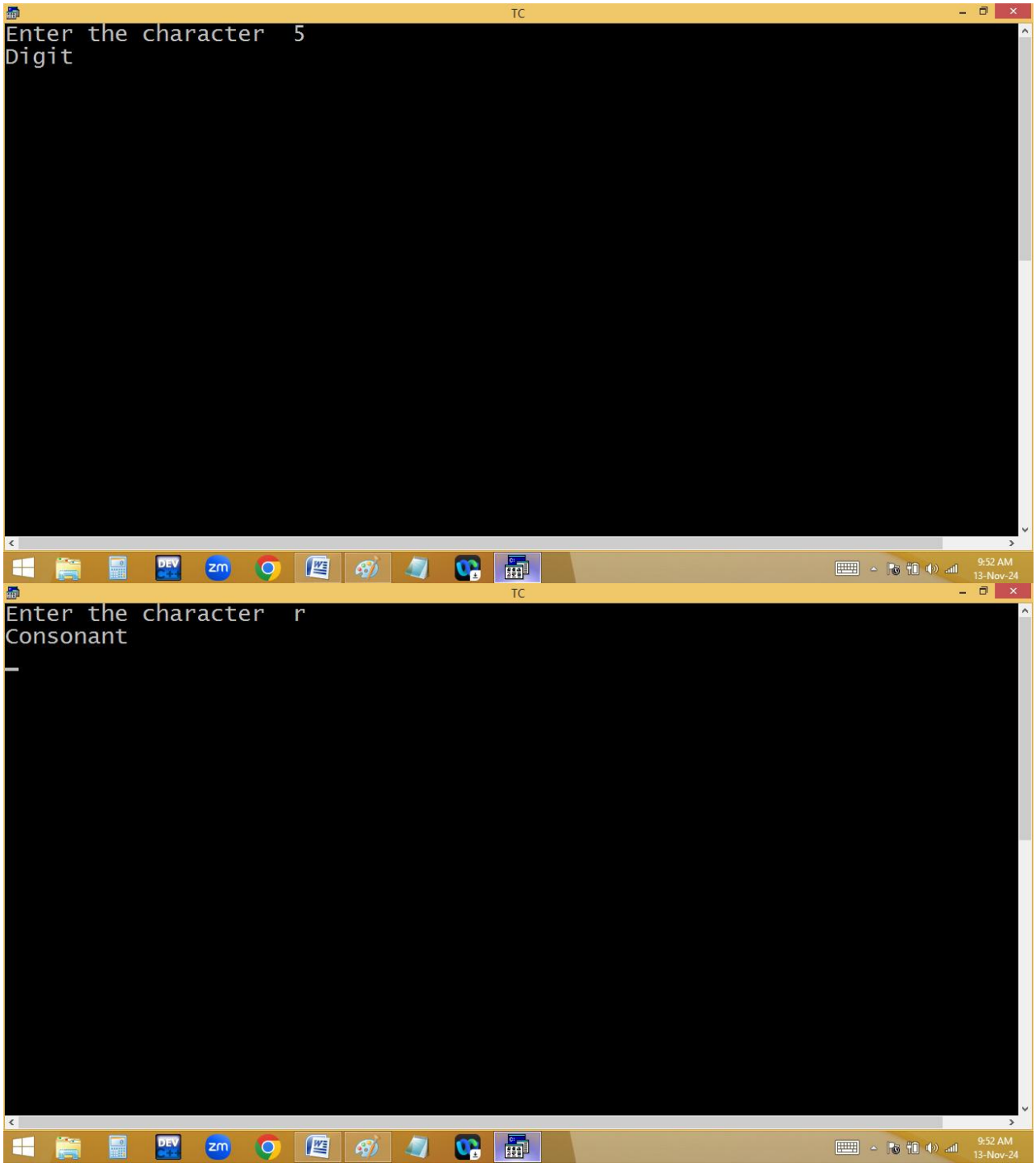
Finding vowel/consonant using switch:



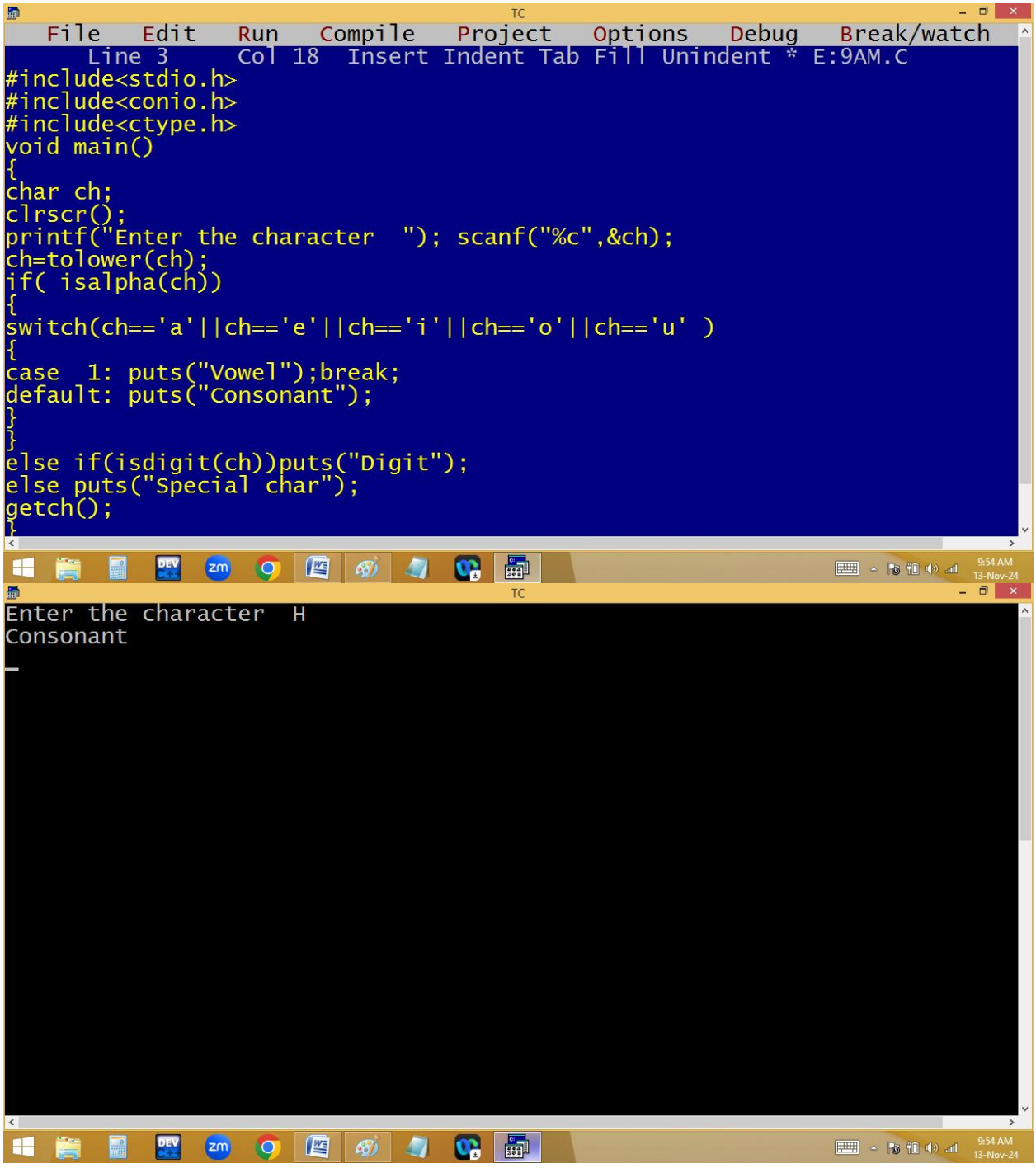

TC
Enter the character E
Vowel
TC
Enter the character y
Consonant

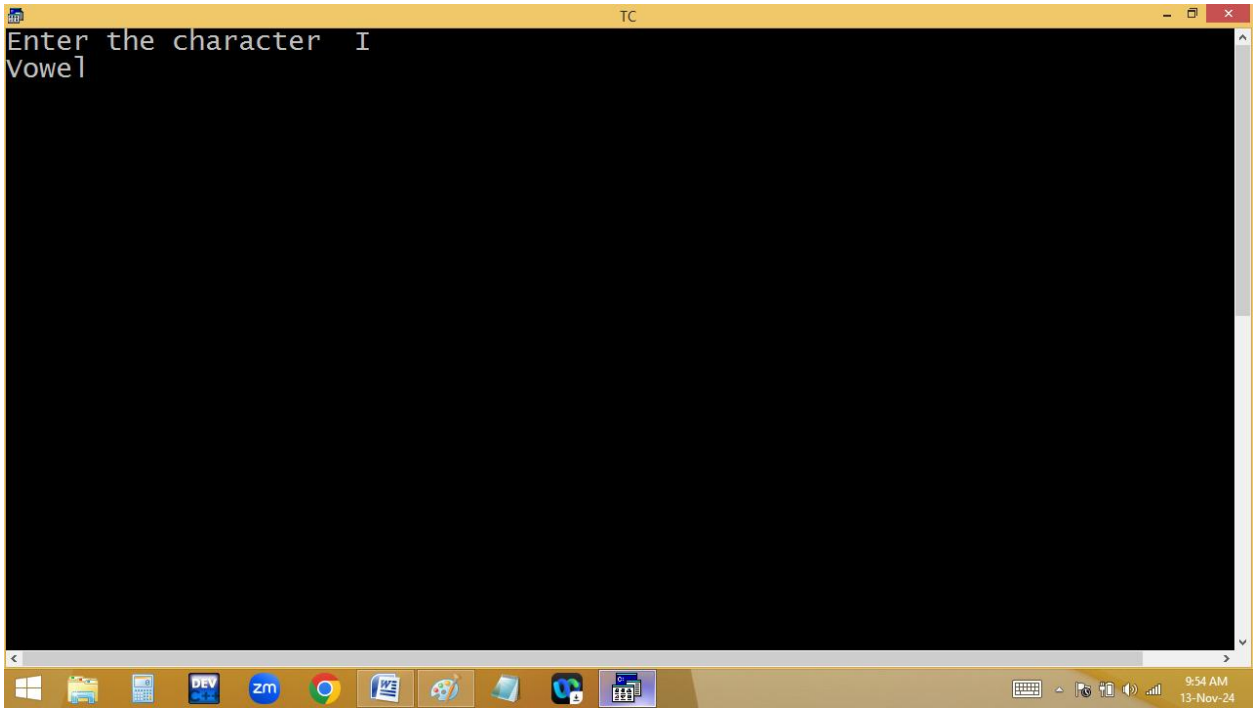

TC
Enter the character 9
Digit
TC
Enter the character $
Special char

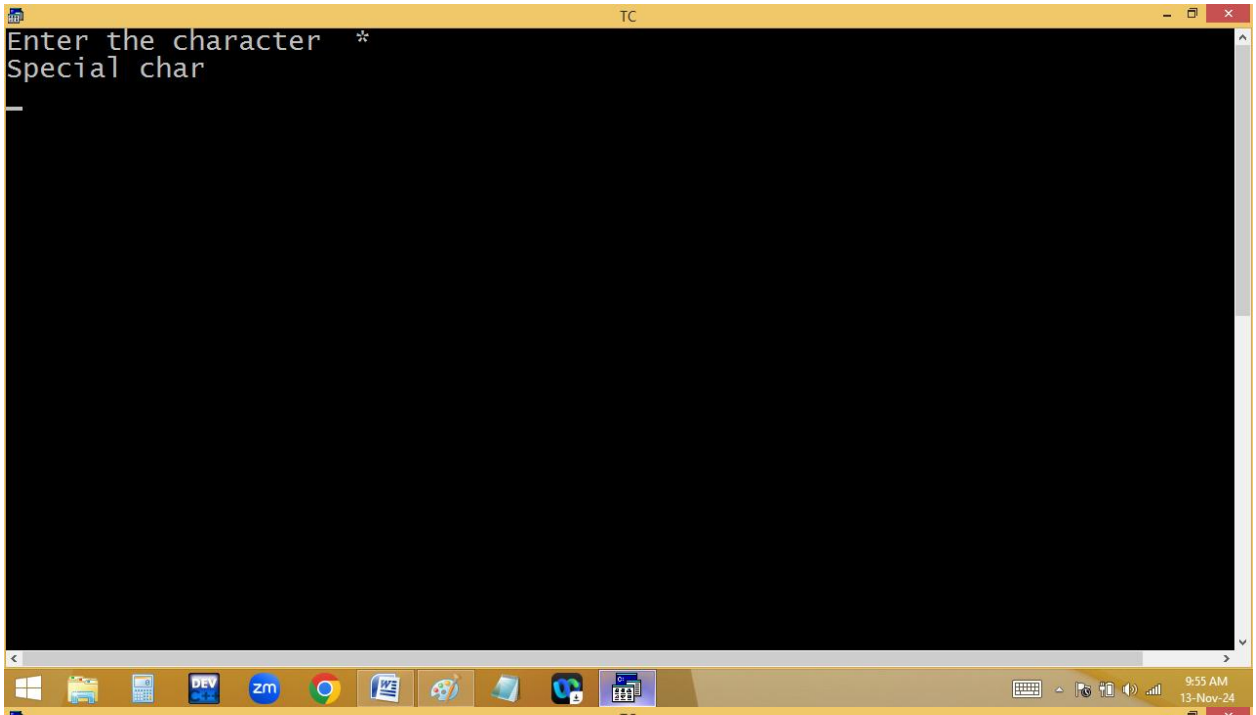

TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 7 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>='A'&&ch<='Z')ch+=32; /* lower */
if(ch>='a' && ch<='z')
{
switch(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u')
{
case 1: puts("Vowel");break;
default: puts("Consonant");
}
}
else if(ch>='0'&&ch<='9')puts("Digit");
else puts("Special char");
getch();
}
9:52 AM
13-Nov-24
TC
Enter the character i
Vowel
9:52 AM
13-Nov-24

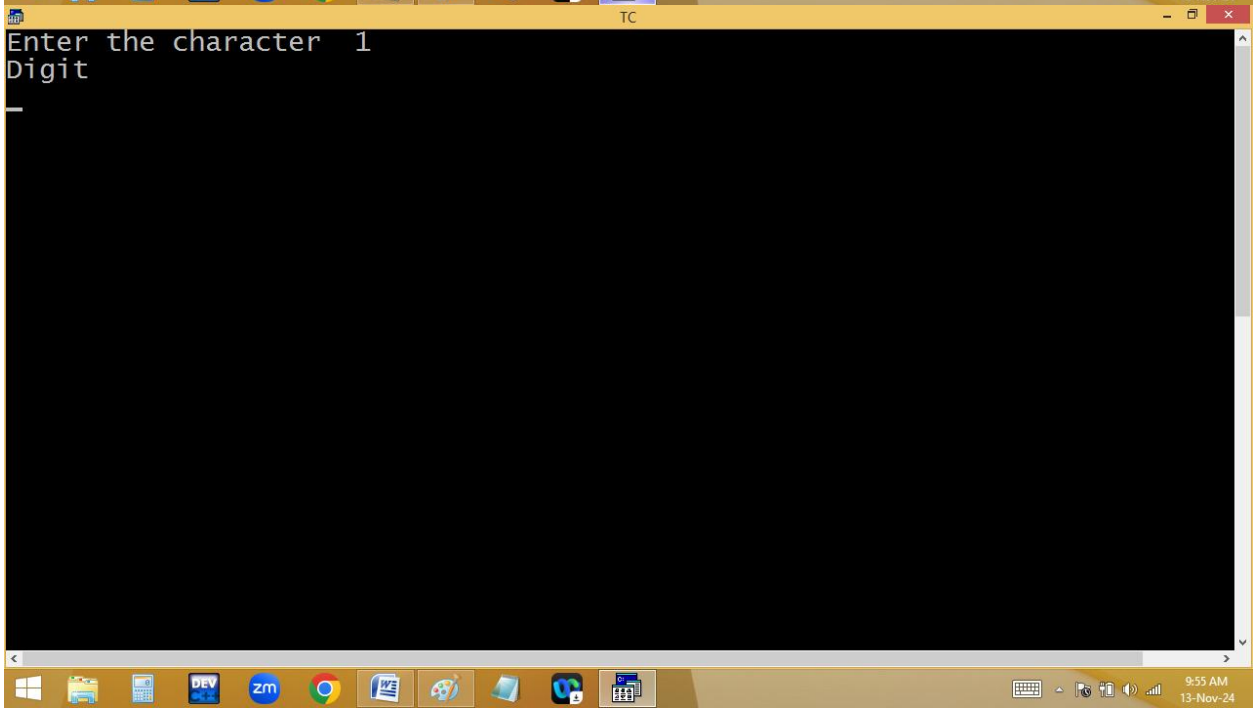


Using predefined functions:

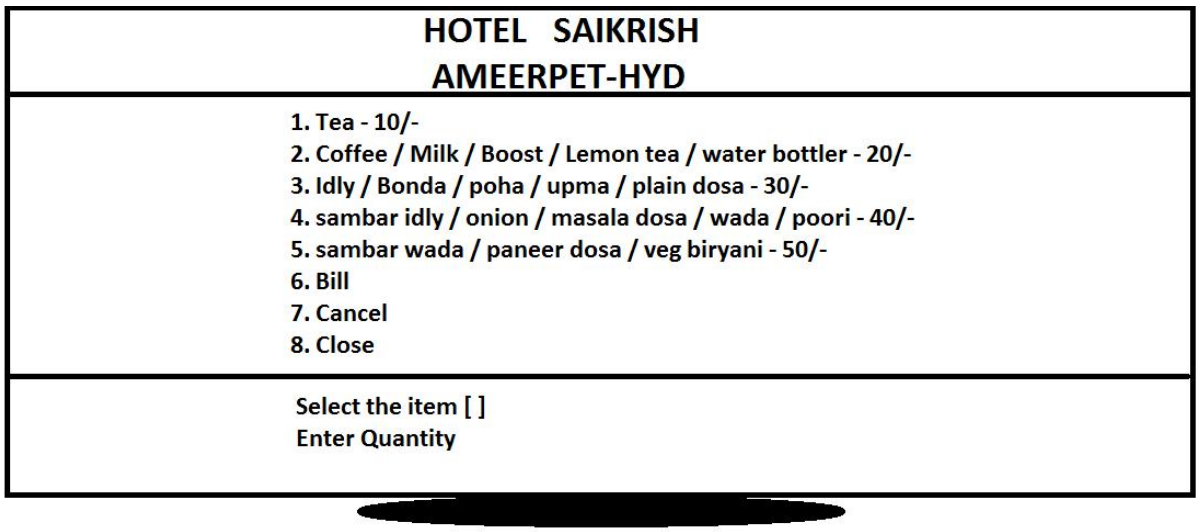

TC
File Edit Run Compile Project Options Debug Break/watch
Line 3 Col 18 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
#include<ctype.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
ch=tolower(ch);
if(isalpha(ch))
{
switch(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u')
{
case 1: puts("Vowel");break;
default: puts("Consonant");
}
}
else if(isdigit(ch))puts("Digit");
else puts("Special char");
getch();
}
9:54 AM
13-Nov-24
TC
Enter the character H
Consonant
9:54 AM
13-Nov-24


TC
Enter the character I
Vowel
9:54 AM
13-Nov-24





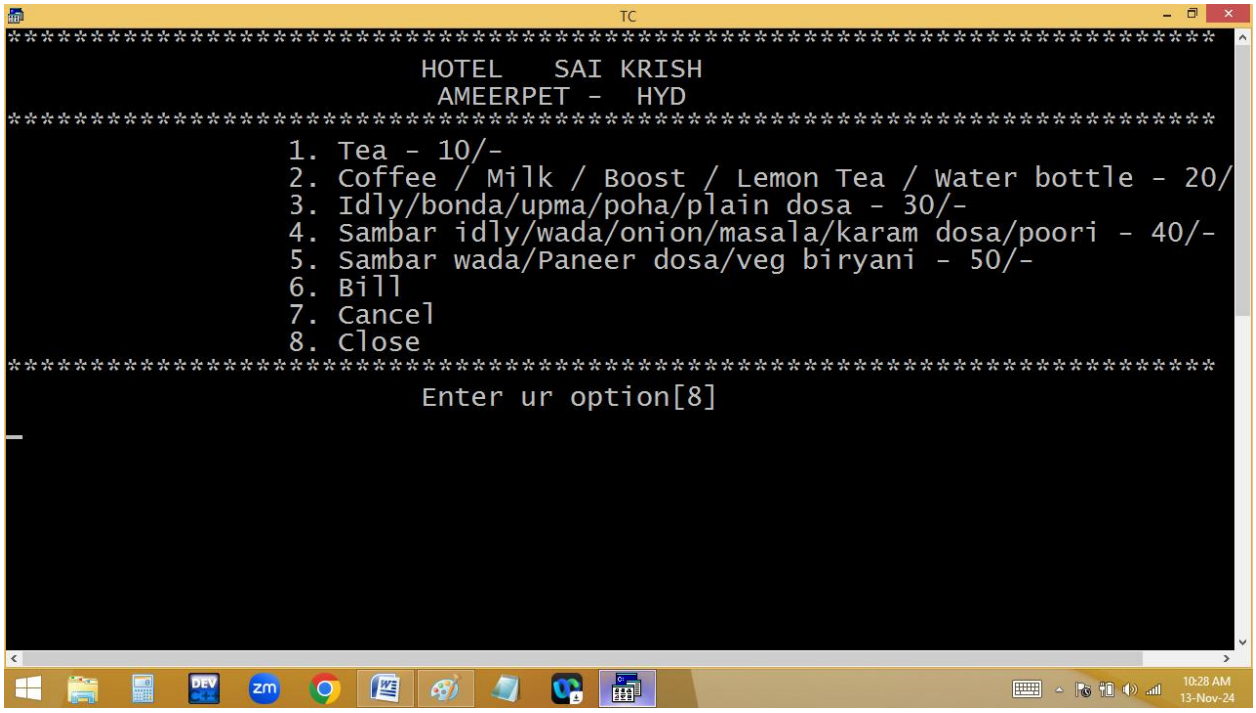
Create a hotel menu program for billing:

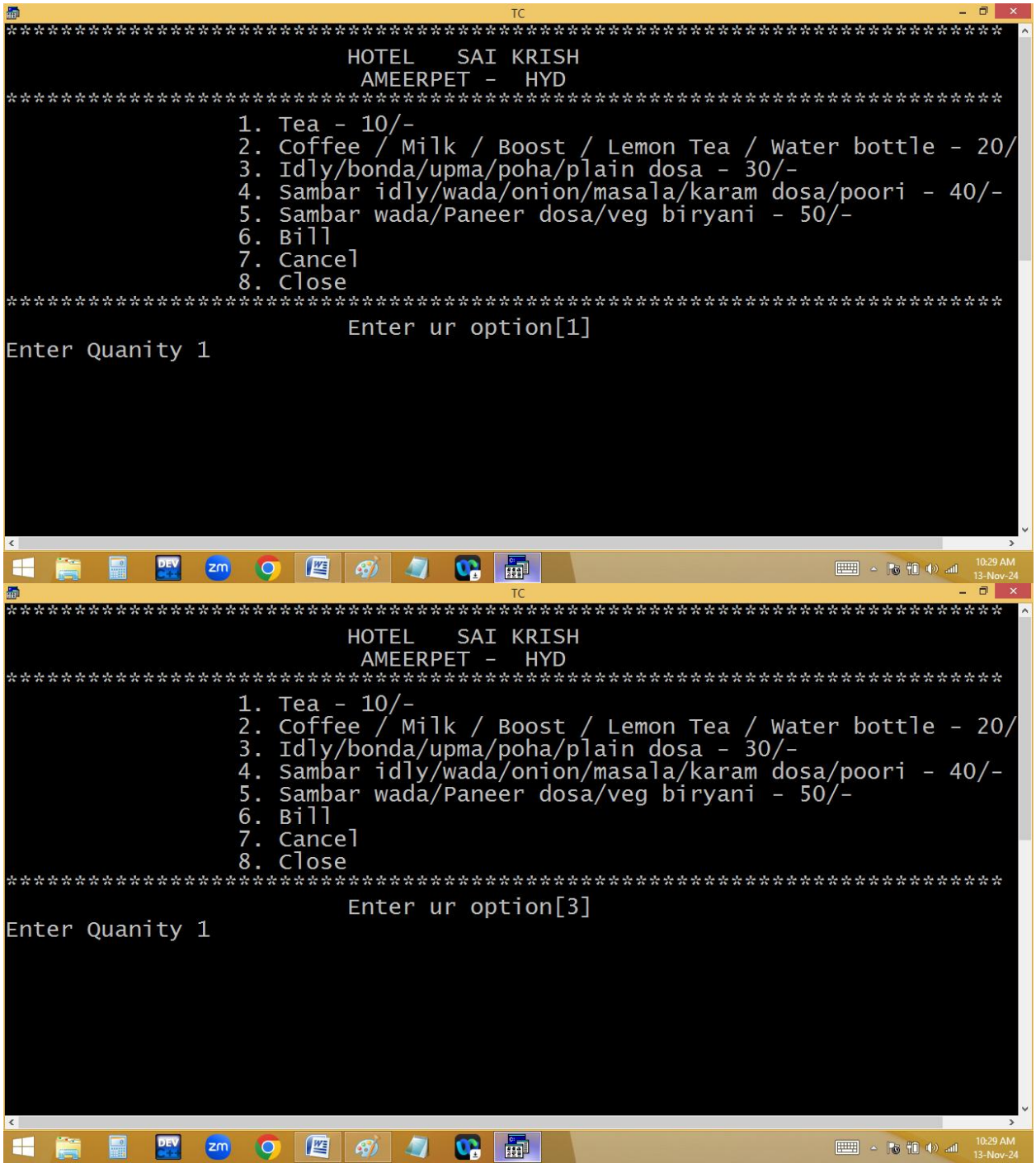


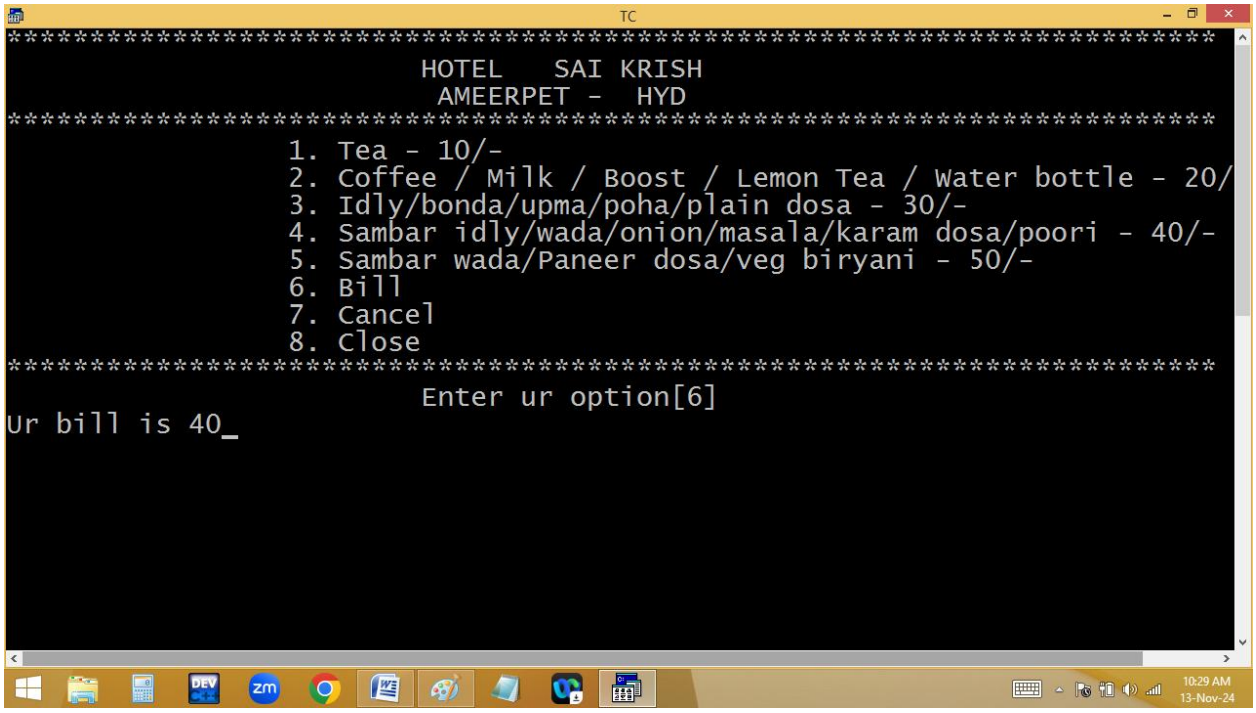

```
#include<stdio.h>

#include<conio.h>

void main()

{

int  qty, op,amt=0;

xyz:

clrscr();

puts("**********************************************************
**********************************");

puts("\t\t\t HOTEL   SAI KRISH ");

puts("\t\t\t  AMEERPET -  HYD ");
```

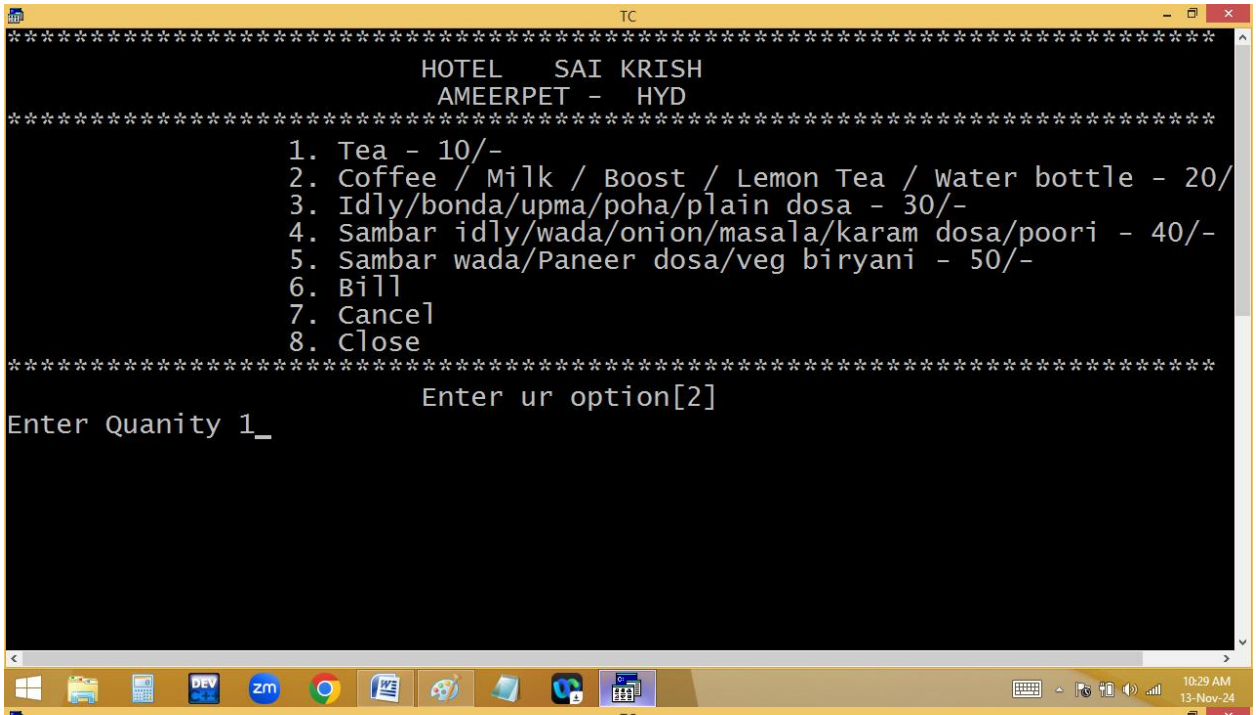
```
puts("**********************************************************************");

puts("\t\t 1. Tea - 10/-");

puts("\t\t 2. Coffee / Milk / Boost / Lemon Tea / Water bottle - 20/-");

puts("\t\t 3. Idly/bonda/upma/poha/plain dosa - 30/-");

puts("\t\t 4. Sambar idly/wada/onion/masala/karam dosa/poori - 40/-");

puts("\t\t 5. Sambar wada/Paneer dosa/veg biryani - 50/-");

puts("\t\t 6. Bill");

puts("\t\t 7. Cancel");

puts("\t\t 8. Close");

puts("**********************************************************************");

printf("\t\t\t Enter ur option[ ]\b\b");

scanf("%d",&op);

if(op>=1 && op<=5)
```

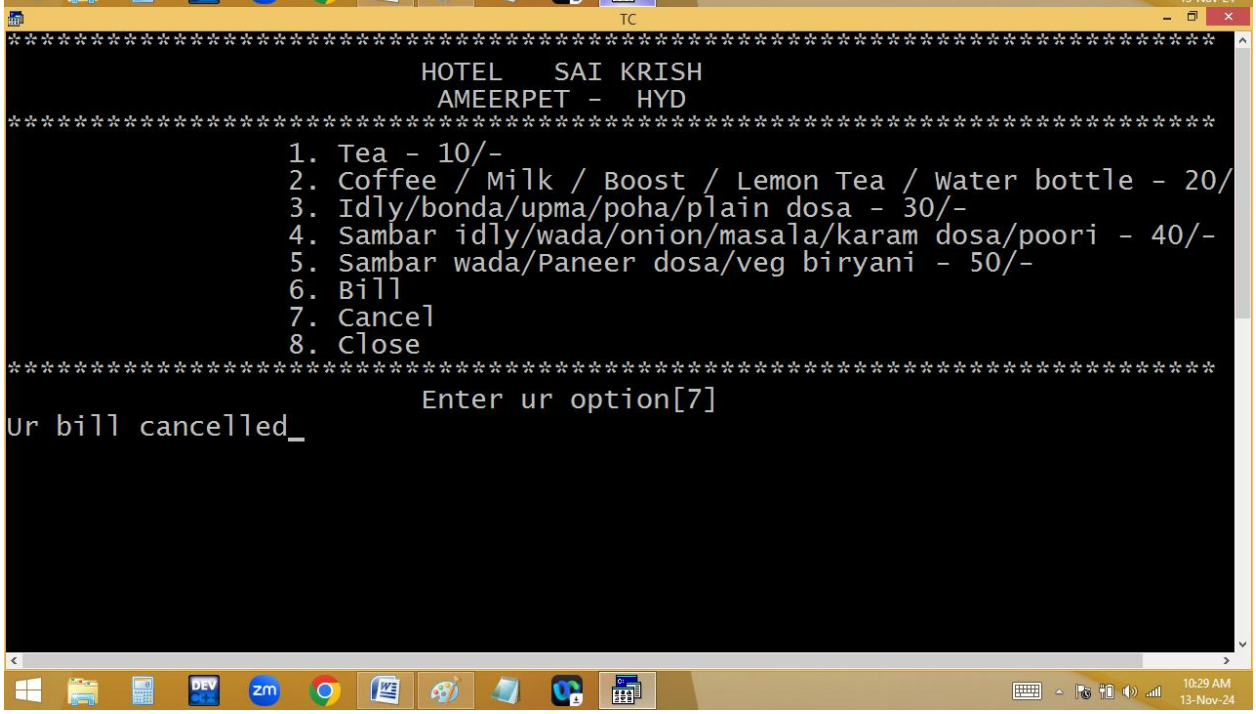
```
{
printf("Enter Quanity "); scanf("%d",&qty);
}
switch(op)
{
case 1: amt+=qty*10; break;
case 2: amt+=qty*20; break;
case 3: amt+=qty*30; break;
case 4: amt+=qty*40; break;
case 5: amt+=qty*50; break;
case 6: printf("Ur bill is %d",amt); amt=0;getch();break;
case 7: printf("Ur bill cancelled",amt=0);getch(); break;
case 8: return;
}
goto xyz;
}
```


TC
HOTEL SAI KRISH
AMEERPET - HYD
1. Tea - 10/-
2. Coffee / Milk / Boost / Lemon Tea / Water bottle - 20/
3. Idly/bonda/upma/poha/plain dosa - 30/-
4. Sambar idly/wada/onion/masala/karam dosa/poori - 40/-
5. Sambar wada/Paneer dosa/veg biryani - 50/-
6. Bill
7. Cancel
8. Close
Enter ur option[8]
10:28 AM
13-Nov-24

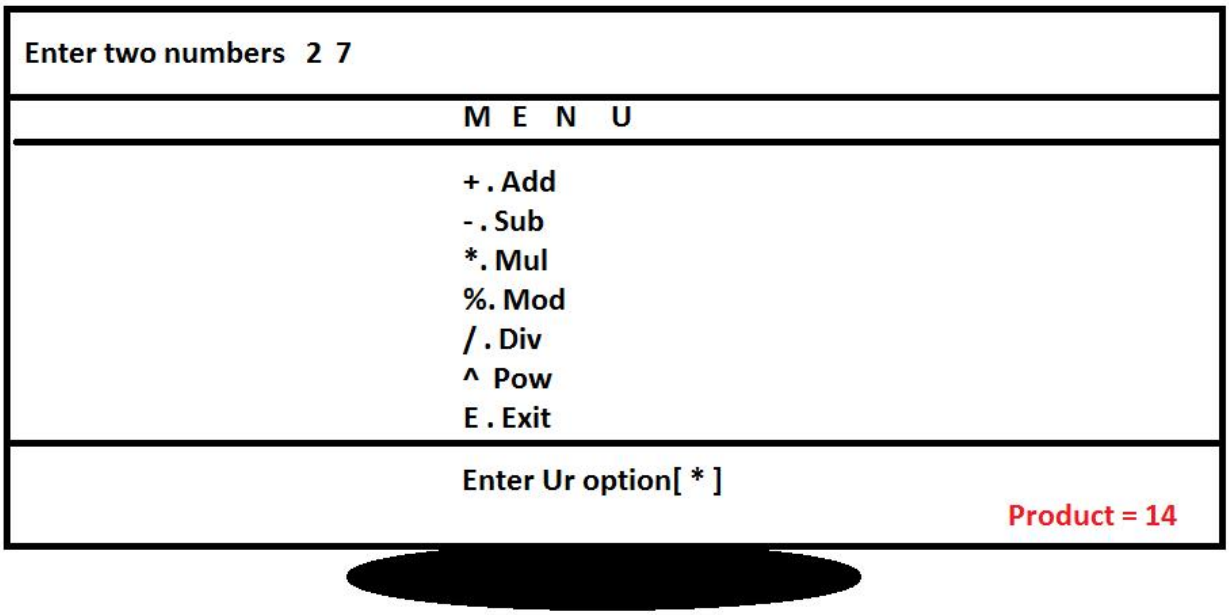

TC
HOTEL SAI KRISH
AMEERPET - HYD
1. Tea - 10/-
2. Coffee / Milk / Boost / Lemon Tea / Water bottle - 20/
3. Idly/bonda/upma/poha/plain dosa - 30/-
4. Sambar idly/wada/onion/masala/karam dosa/poori - 40/-
5. Sambar wada/Paneer dosa/veg biryani - 50/-
6. Bill
7. Cancel
8. Close
Enter ur option[1]
Enter Quanity 1
10:29 AM
13-Nov-24
TC
HOTEL SAI KRISH
AMEERPET - HYD
1. Tea - 10/-
2. Coffee / Milk / Boost / Lemon Tea / Water bottle - 20/
3. Idly/bonda/upma/poha/plain dosa - 30/-
4. Sambar idly/wada/onion/masala/karam dosa/poori - 40/-
5. Sambar wada/Paneer dosa/veg biryani - 50/-
6. Bill
7. Cancel
8. Close
Enter ur option[3]
Enter Quanity 1
10:29 AM
13-Nov-24


TC
HOTEL SAI KRISH
AMEERPET - HYD
1. Tea - 10/-
2. Coffee / Milk / Boost / Lemon Tea / Water bottle - 20/
3. Idly/bonda/upma/poha/plain dosa - 30/-
4. Sambar idly/wada/onion/masala/karam dosa/poori - 40/-
5. Sambar wada/Paneer dosa/veg biryani - 50/-
6. Bill
7. Cancel
8. Close
Enter ur option[6]
Ur bill is 40
10:29 AM
13-Nov-24





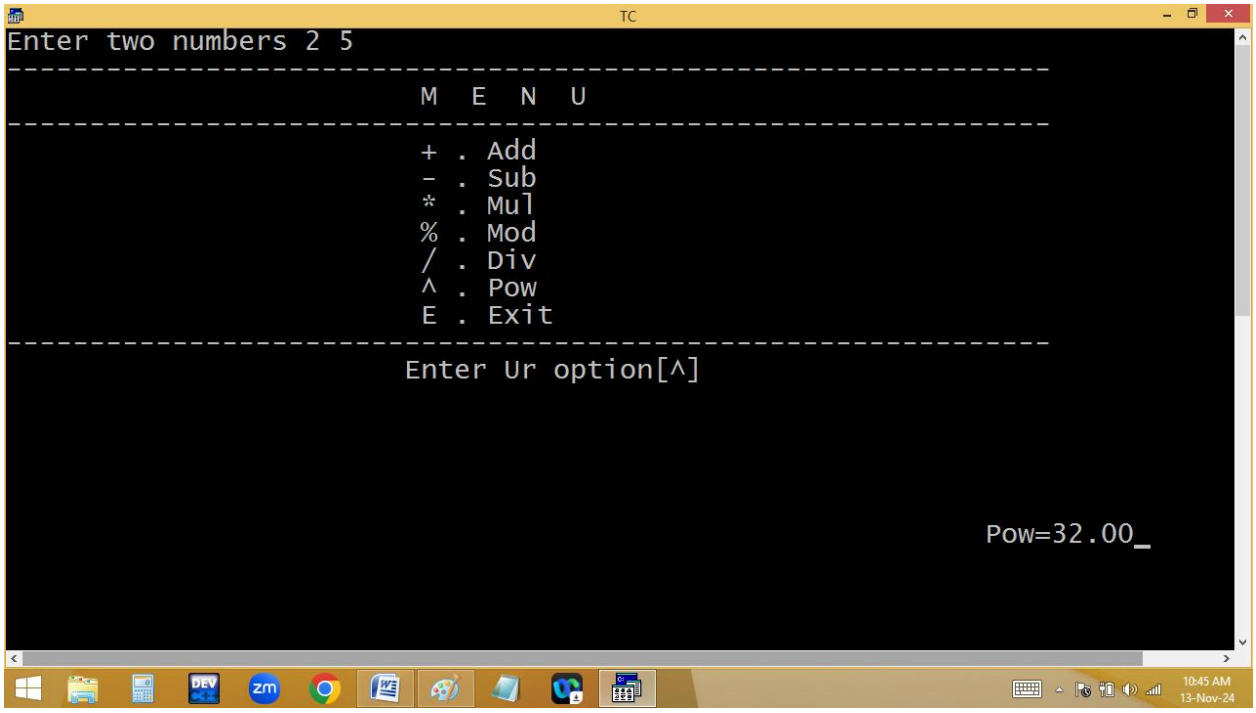
Read two numbers and perform arithmetic operations using a menu.

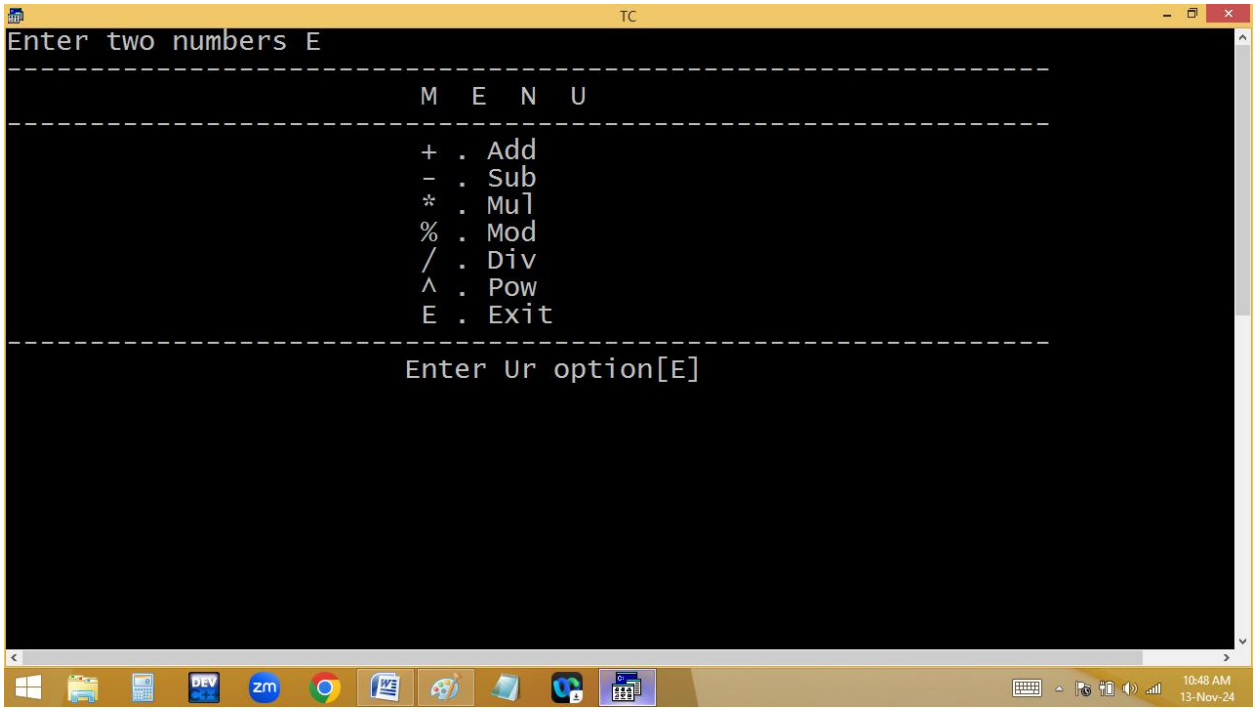



```
#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

#include<math.h>

void main()

{

float a,b;

char  op;

start:

clrscr();
```

```
printf("Enter two numbers "); scanf("%f %f",&a, &b);
puts("-------------------------------------------------------------");
puts("\t\t\t M  E  N  U");
puts("-------------------------------------------------------------");
puts("\t\t\t + . Add");
puts("\t\t\t - . Sub");
puts("\t\t\t * . Mul");
puts("\t\t\t % . Mod");
puts("\t\t\t / . Div");
puts("\t\t\t ^ . Pow");
puts("\t\t\t E . Exit");
puts("-------------------------------------------------------------");
flushall();
printf("\t\t\tEnter Ur option[ ]\b\b");scanf("%c",&op);
gotoxy(60,19);
switch(op)
{
```

```
case  '+': printf("Sum=%.2f",a+b);break;
case  '-': printf("Sub=%.2f",a-b);break;
case  '*': printf("Mul=%.2f",a*b);break;
case  '%': printf("Mod=%.2f",fmod(a,b));break;
case  '/': printf("Div=%.2f",a/b);break;
case  '^': printf("Pow=%.2f",pow(a,b));break;
case 'e': case 'E':  exit(0);
default: puts("Invalid option");
}
getch();
goto start;
}
```


TC
Enter two numbers 2 5
M E N U
+ . Add
- . Sub
* . Mul
% . Mod
/ . Div
^ . Pow
E . Exit
Enter Ur option[^]
Pow=32.00
10:45 AM
13-Nov-24


TC
Enter two numbers E
M E N U
+ . Add
- . Sub
* . Mul
% . Mod
/ . Div
^ . Pow
E . Exit
Enter Ur option[E]
10:48 AM
13-Nov-24