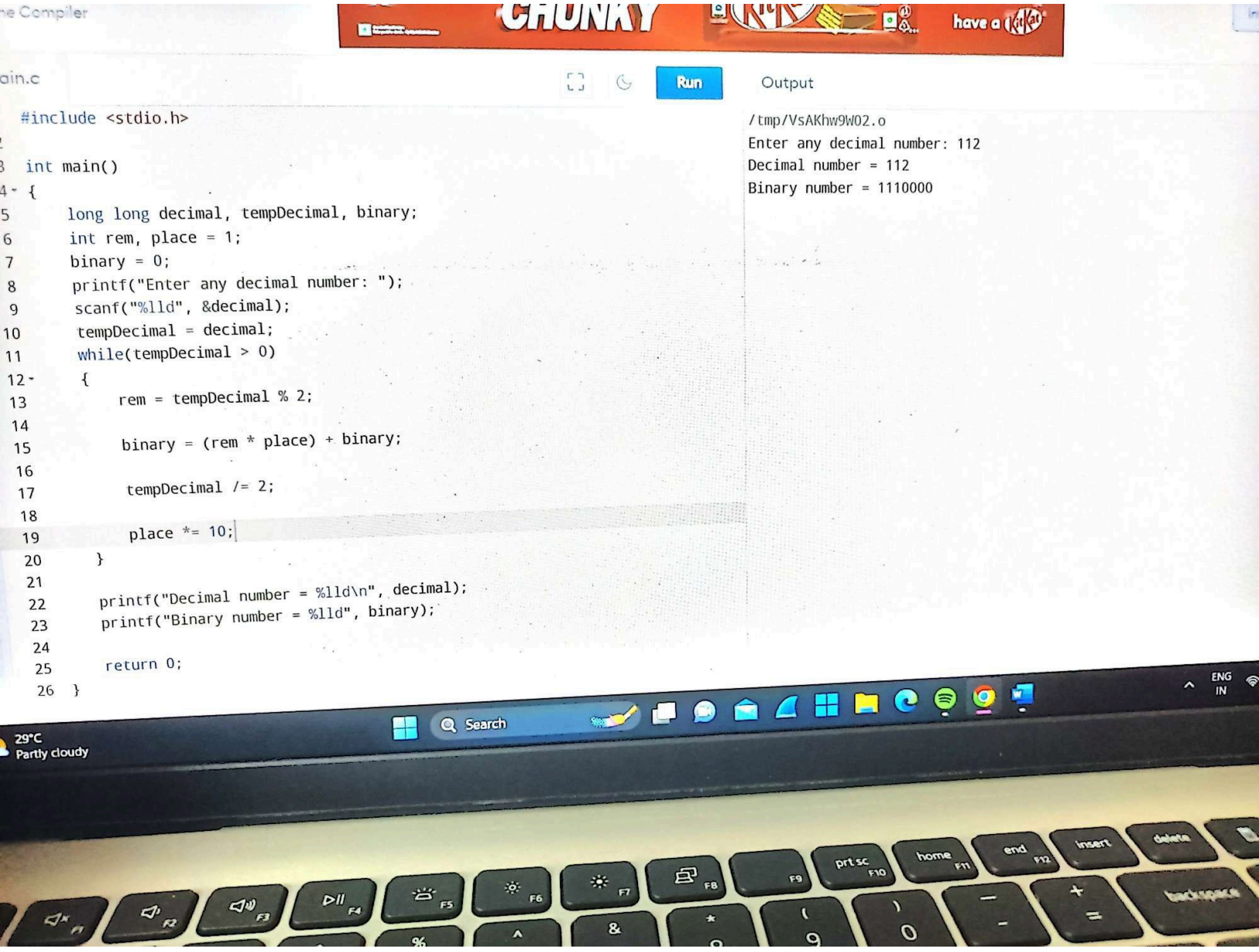
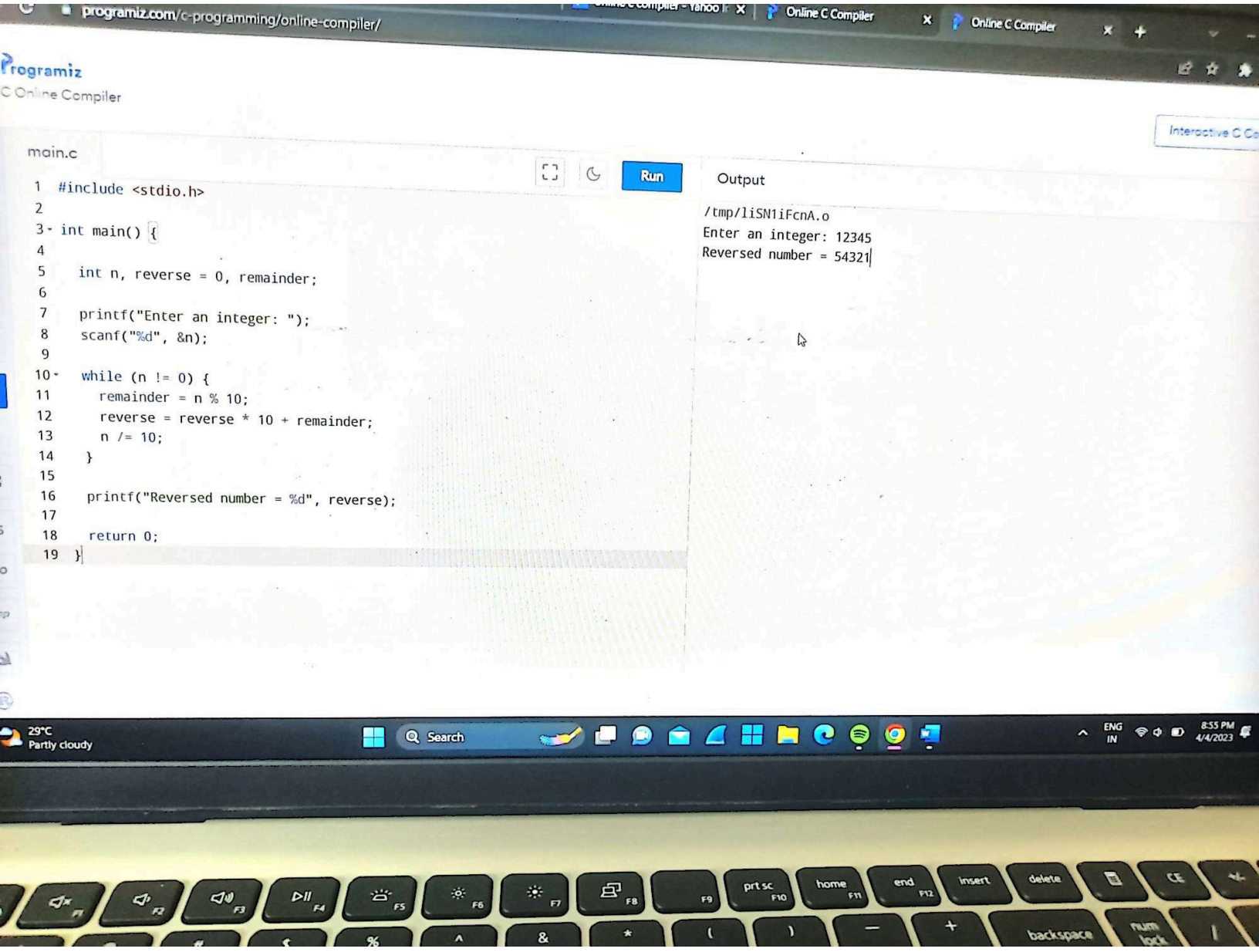

CHUNKY
have a KitKat
Run
Output
#include <stdio.h>
int main()
{
long long decimal, tempDecimal, binary;
int rem, place = 1;
binary = 0;
printf("Enter any decimal number: ");
scanf("%lld", &decimal);
tempDecimal = decimal;
while(tempDecimal > 0)
{
rem = tempDecimal % 2;
binary = (rem * place) + binary;
tempDecimal /= 2;
place *= 10;
}
printf("Decimal number = %lld\n", decimal);
printf("Binary number = %lld", binary);
return 0;
}
/tmp/VsAKhw9W02.o
Enter any decimal number: 112
Decimal number = 112
Binary number = 1110000
29°C
Partly cloudy
Search
ENG
IN


programiz.com/c-programming/online-compiler/
Online C Compiler
Online C Compiler
Programiz
C Online Compiler
main.c
Run
Output
#include <stdio.h>
int main() {
int n, reverse = 0, remainder;
printf("Enter an integer: ");
scanf("%d", &n);
while (n != 0) {
remainder = n % 10;
reverse = reverse * 10 + remainder;
n /= 10;
}
printf("Reversed number = %d", reverse);
return 0;
}
/tmp/liSN1iFcnA.o
Enter an integer: 12345
Reversed number = 54321
29°C
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8:55 PM
4/4/2023

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Online C Compiler

main.c

```c
#include <stdio.h>

int main()
{
    int num, sum=0;
    printf("Enter any number to find sum of its digit: ");
    scanf("%d", &num);
    while(num!=0)
    {

        sum += num % 10;


        num = num / 10;
    }

    printf("Sum of digits = %d", sum);

    return 0;
}
```

Run

Output

```
/tmp/E51hg1Chao.o
Enter any number to find sum of its digit: 1234
Sum of digits = 10
```


29°C
Partly cloudy

Search

ENG
IN

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main.c

Run

```c
#include <stdio.h>

int main()
{
    long long num;
    int count = 0;
    printf("Enter any number: ");
    scanf("%lld", &num);
    do
    {
        count++;
        num /= 10;
    } while(num != 0);

    printf("Total digits: %d", count);

    return 0;
}
```

Output

```
/tmp/l6hjCknW0h.o
Enter any number: 35419
Total digits: 5
```

29°C Humid

Search

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Online Compiler

main.c

Run

Output

```c
#include <stdio.h>
int main()
{
    int amount;
    int note500, note100, note50, note20, note10, note5, note2, note1;
    note500 = note100 = note50 = note20 = note10 = note5 = note2 = note1 = 0;
    printf("Enter amount: ");
    scanf("%d", &amount);
    if(amount >= 500)
    {
        note500 = amount/500;
        amount -= note500 * 500;
    }
    if(amount >= 100)
    {
        note100 = amount/100;
        amount -= note100 * 100;
    }
    if(amount >= 50)
    {
        note50 = amount/50;
        amount -= note50 * 50;
    }
    if(amount >= 20)
    {
        note20 = amount/20;
```

```
/tmp/l6hjCknW0h.o
Enter amount: 575
Total number of notes =
500 = 1
100 = 0
50 = 1
20 = 1
10 = 0
5 = 1
2 = 0
1 = 0
```

29°C
Mostly clear

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C Online Compiler

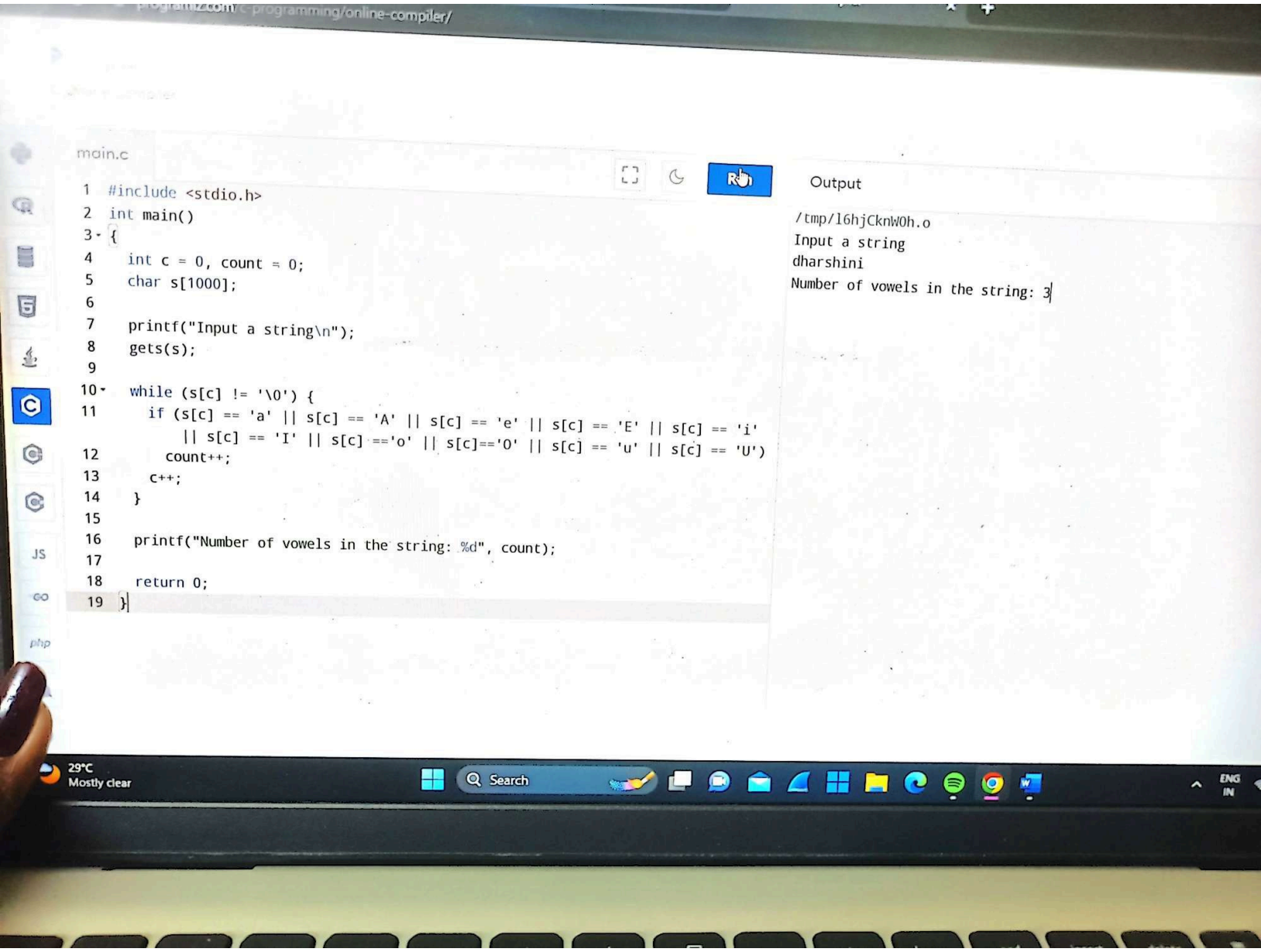
main.c

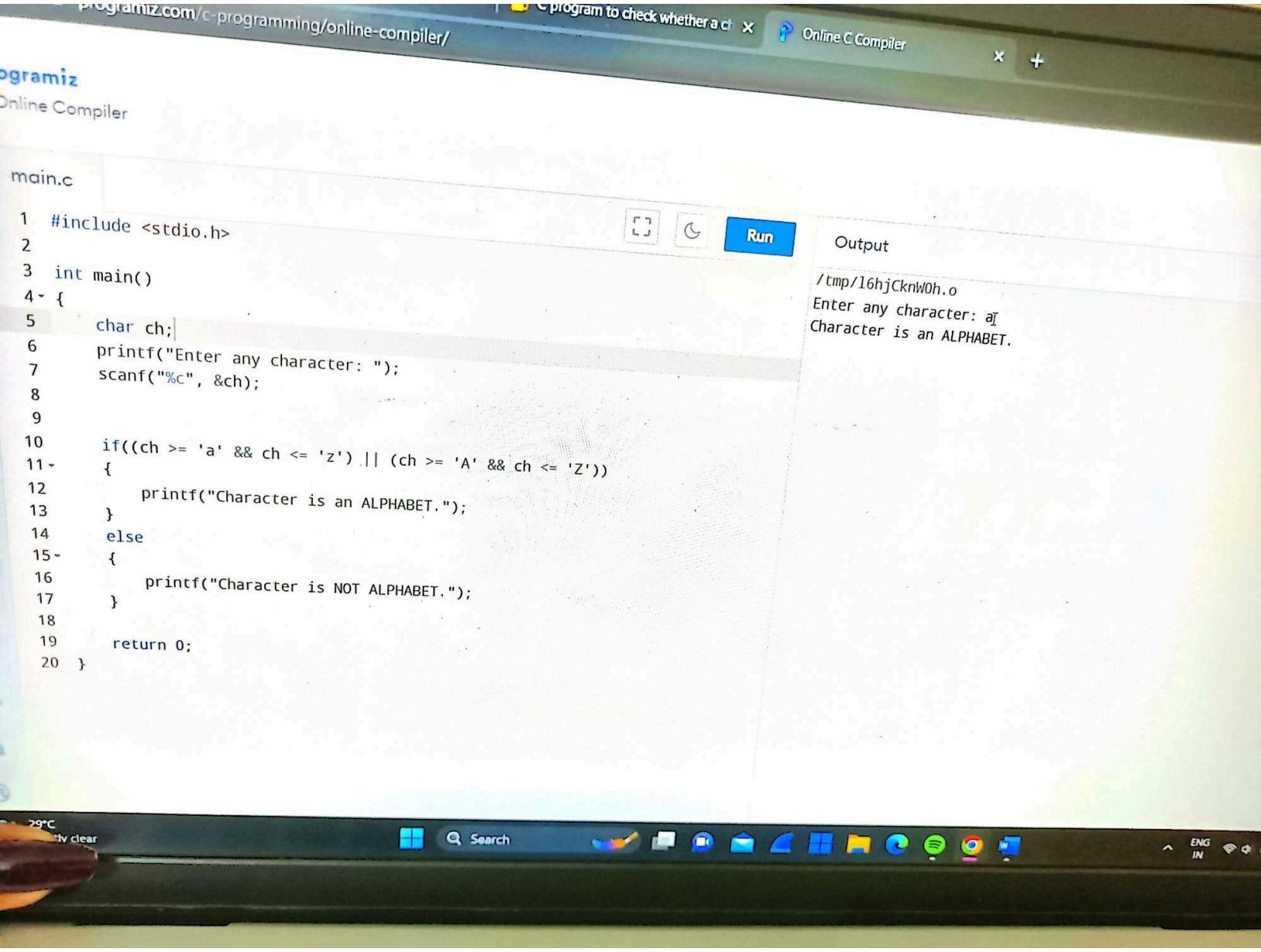
Run

```c
#include <stdio.h>

int main()
{
    char ch;
    printf("Enter any character: ");
    scanf("%c", &ch);
    if(ch >= 'A' && ch <= 'Z')
    {
        printf("'%c' is uppercase alphabet.", ch);
    }
    else if(ch >= 'a' && ch <= 'z')
    {
        printf("'%c' is lowercase alphabet.", ch);
    }
    else
    {
        printf("'%c' is not an alphabet.", ch);
    }

    return 0;
}
```

Output

```
/tmp/16hjCknWOh.o
Enter any character: C
'C' is uppercase alphabet.
```


programiz.com/c-programming/online-compiler/
main.c
Run
Output
#include <stdio.h>
int main()
{
int c = 0, count = 0;
char s[1000];
printf("Input a string\n");
gets(s);
while (s[c] != '\0') {
if (s[c] == 'a' || s[c] == 'A' || s[c] == 'e' || s[c] == 'E' || s[c] == 'i'
|| s[c] == 'I' || s[c] =='o' || s[c]=='O' || s[c] == 'u' || s[c] == 'U')
count++;
c++;
}
printf("Number of vowels in the string: %d", count);
return 0;
}
/tmp/l6hjCknWOh.o
Input a string
dharshini
Number of vowels in the string: 3
29°C
Mostly clear
Search
ENG
IN


programiz.com/c-programming/online-compiler/
C program to check whether a ch
Online C Compiler
ogramiz
Online Compiler
main.c
Run
Output
#include <stdio.h>
int main()
{
char ch;
printf("Enter any character: ");
scanf("%c", &ch);
if((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z'))
{
printf("Character is an ALPHABET.");
}
else
{
printf("Character is NOT ALPHABET.");
}
return 0;
}
/tmp/16hjCknWOh.o
Enter any character: a
Character is an ALPHABET.
29°C
tly clear
Search
ENG
IN

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Online C Compiler

Programiz
C Online Compiler

main.c

Run

```c
#include <stdio.h>

int main()
{
    int num;
    printf("Enter any number: ");
    scanf("%d", &num);
    if((num % 5 == 0) && (num % 11 == 0))
    {
        printf("Number is divisible by 5 and 11");
    }
    else
    {
        printf("Number is not divisible by 5 and 11");
    }

    return 0;
}
```

Output

```
/tmp/l6hjCknW0h.o
Enter any number: 55
Number is divisible by 5 and 11
```

29°C
Mostly clear

Search

ENG
IN

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Online Compiler

main.c

Run

```c
#include <stdio.h>

int main() {

    double num;
    printf("Enter a number: ");
    scanf("%lf", &num);
    if (num <= 0.0) {
        if (num == 0.0)
            printf("You entered 0.");
        else
            printf("You entered a negative number.");
    }
    else
        printf("You entered a positive number.");

    return 0;
}
```

Output

```
/tmp/l6hjCknW0h.o
Enter a number: 23
You entered a positive number.
```