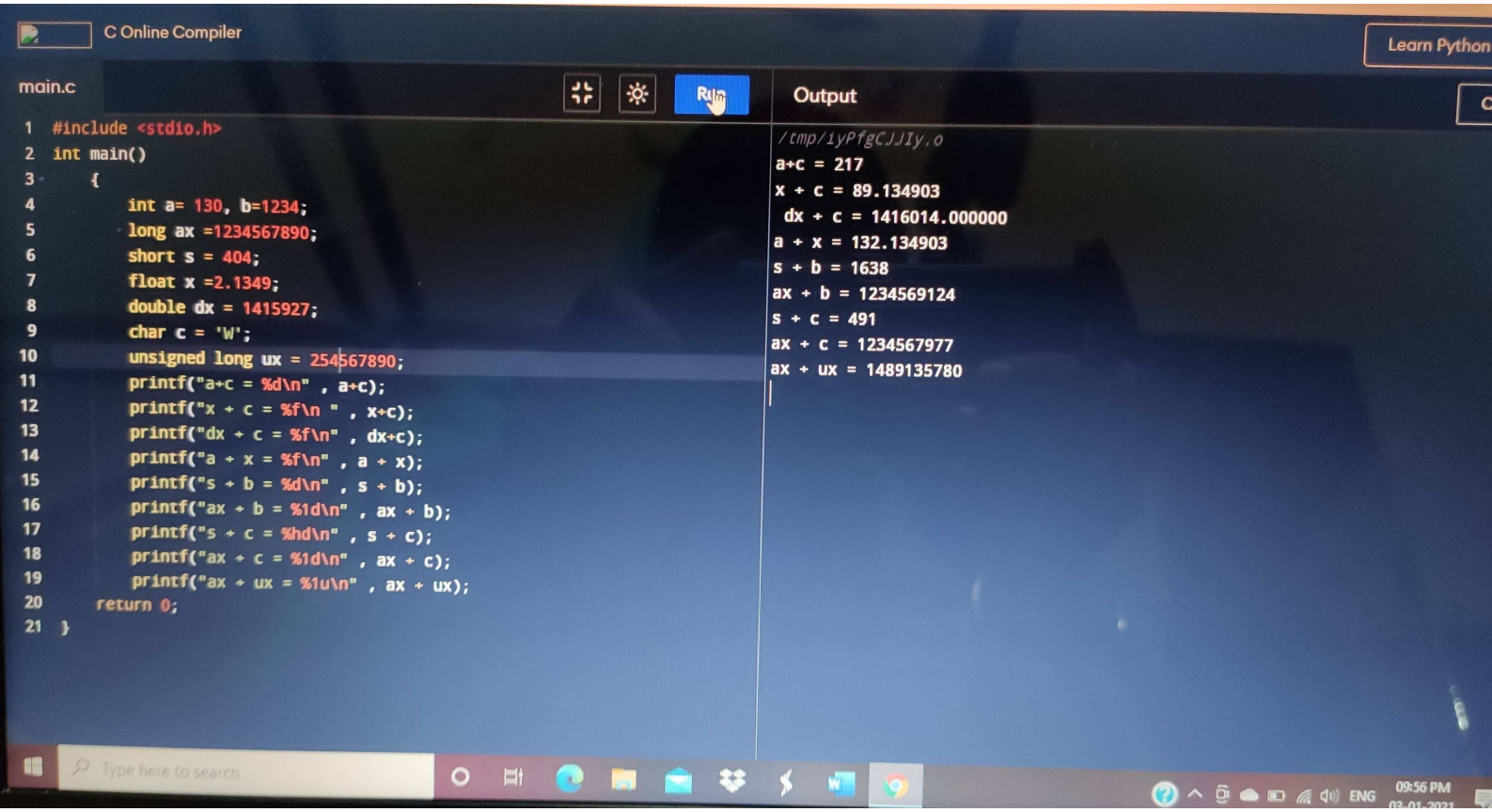

C Online Compiler
Learn Python
main.c
Run
Output
#include <stdio.h>
int main()
{
int a= 130, b=1234;
long ax =1234567890;
short s = 404;
float x =2.1349;
double dx = 1415927;
char c = 'W';
unsigned long ux = 254567890;
printf("a+c = %d\n" , a+c);
printf("x + c = %f\n " , x+c);
printf("dx + c = %f\n" , dx+c);
printf("a + x = %f\n" , a + x);
printf("s + b = %d\n" , s + b);
printf("ax + b = %ld\n" , ax + b);
printf("s + c = %hd\n" , s + c);
printf("ax + c = %ld\n" , ax + c);
printf("ax + ux = %lu\n" , ax + ux);
return 0;
}
/tmp/iyPfgCJJIy.o
a+c = 217
x + c = 89.134903
dx + c = 1416014.000000
a + x = 132.134903
s + b = 1638
ax + b = 1234569124
s + c = 491
ax + c = 1234567977
ax + ux = 1489135780
Type here to search
ENG
09:56 PM

main.c

Run

Output

```c
#include<stdio.h>
int main()
{
    int days, weeks, years ;
    printf("enter days:");
    scanf("%d", &days);
    years = days / 365;
    weeks= (days % 365) / 7;
    days = days - (( years * 365 ) + ( weeks * 7 ));
    printf("years : %d\n" , years);
    printf("weeks : %d\n" , weeks);
    printf("days : %d\n", days);
}
```

```
/tmp/oB7JfcDJf4.o
enter days:231456
years : 634
weeks : 6
days : 4
```

main.c

Run

Output

```c
#include <stdio.h>
int main()
    {
    double wi1, ci1, wi2, ci2, result;
    printf("Weight - Item1: ");
    scanf("%lf", &wi1);
    printf("No. of item1: ");
    scanf("%lf", &ci1);
    printf("Weight - Item2: ");
    scanf("%lf", &wi2);
    printf("No. of item2: ");
    scanf("%lf", &ci2);
    result = ((wi1 * ci1) + (wi2 * ci2)) / (ci1 + ci2);
    printf("Average Value = %f\n", result);
    return 0;
}

```

```
/tmp/oB7IfcDJf4.o
Weight - Item1: 12
No. of item1: 4
Weight - Item2: 14
No. of item2: 5
Average Value = 13.111111
```

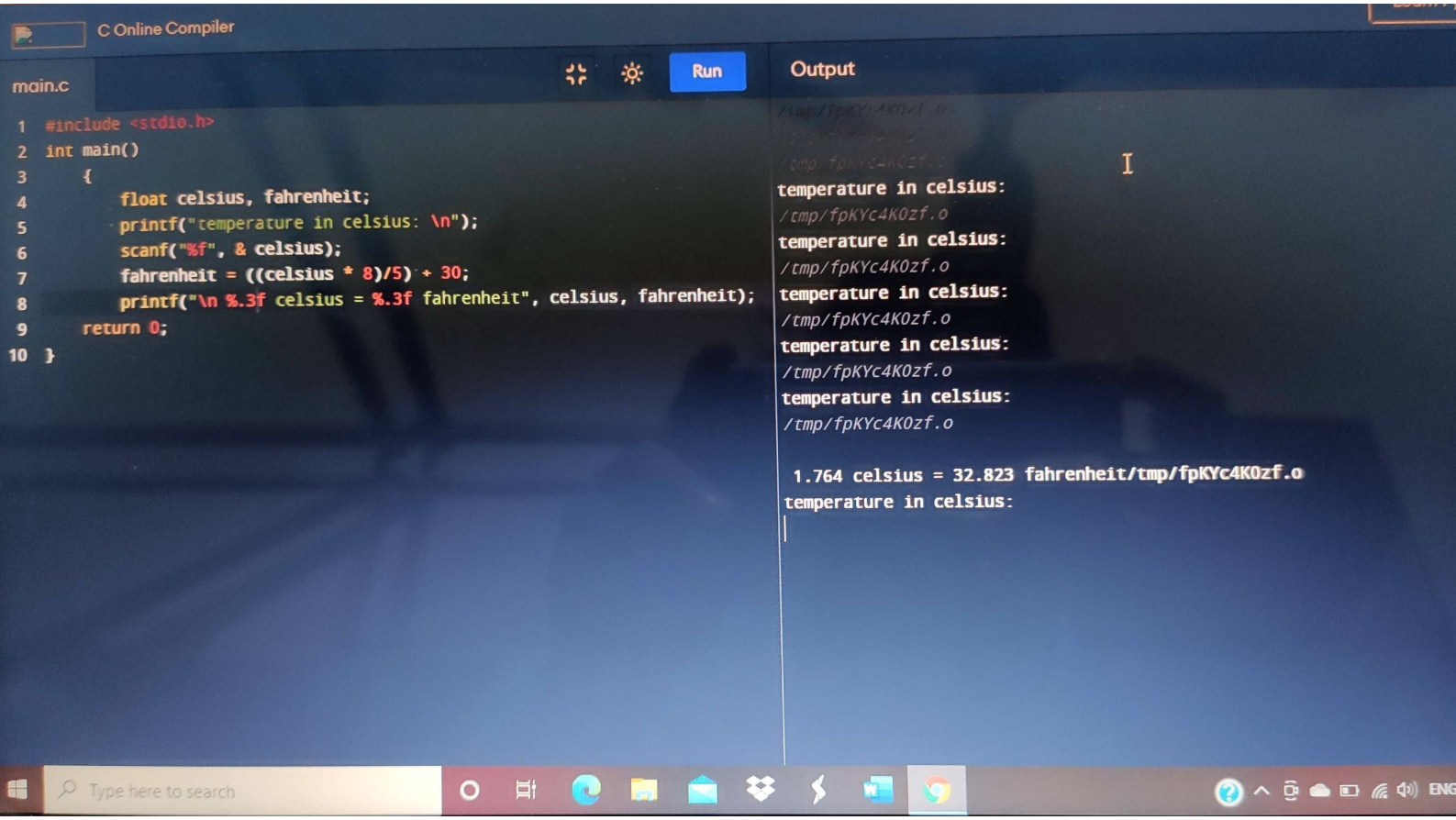
main.c

Run

Output

```c
#include <stdio.h>
int main()
{
enum week{Sunday, Monday, Tuesday, Wednesday, Thursday, Friday,
    Saturday};
printf("\nSun = %d", Sunday);
printf("\nMon = %d", Monday);
printf("\nTue = %d", Tuesday);
printf("\nWed = %d", Wednesday);
printf("\nThu = %d", Thursday);
printf("\nFri = %d", Friday);
printf("\nSat = %d", Saturday);
return 0;
}
```

```
/tmp/oB7JfcDJf4.o
Sun = 0
Mon = 1
Tue = 2
Wed = 3
Thu = 4
Fri = 5
Sat = 6
```


C Online Compiler
main.c
Run
Output
#include <stdio.h>
int main()
{
float celsius, fahrenheit;
printf("temperature in celsius: \n");
scanf("%f", & celsius);
fahrenheit = ((celsius * 8)/5) + 30;
printf("\n %.3f celsius = %.3f fahrenheit", celsius, fahrenheit);
return 0;
}
temperature in celsius:
/tmp/fpKYc4K0zf.o
temperature in celsius:
/tmp/fpKYc4K0zf.o
temperature in celsius:
/tmp/fpKYc4K0zf.o
temperature in celsius:
/tmp/fpKYc4K0zf.o
temperature in celsius:
/tmp/fpKYc4K0zf.o
1.764 celsius = 32.823 fahrenheit/tmp/fpKYc4K0zf.o
temperature in celsius:
Type here to search

main.c

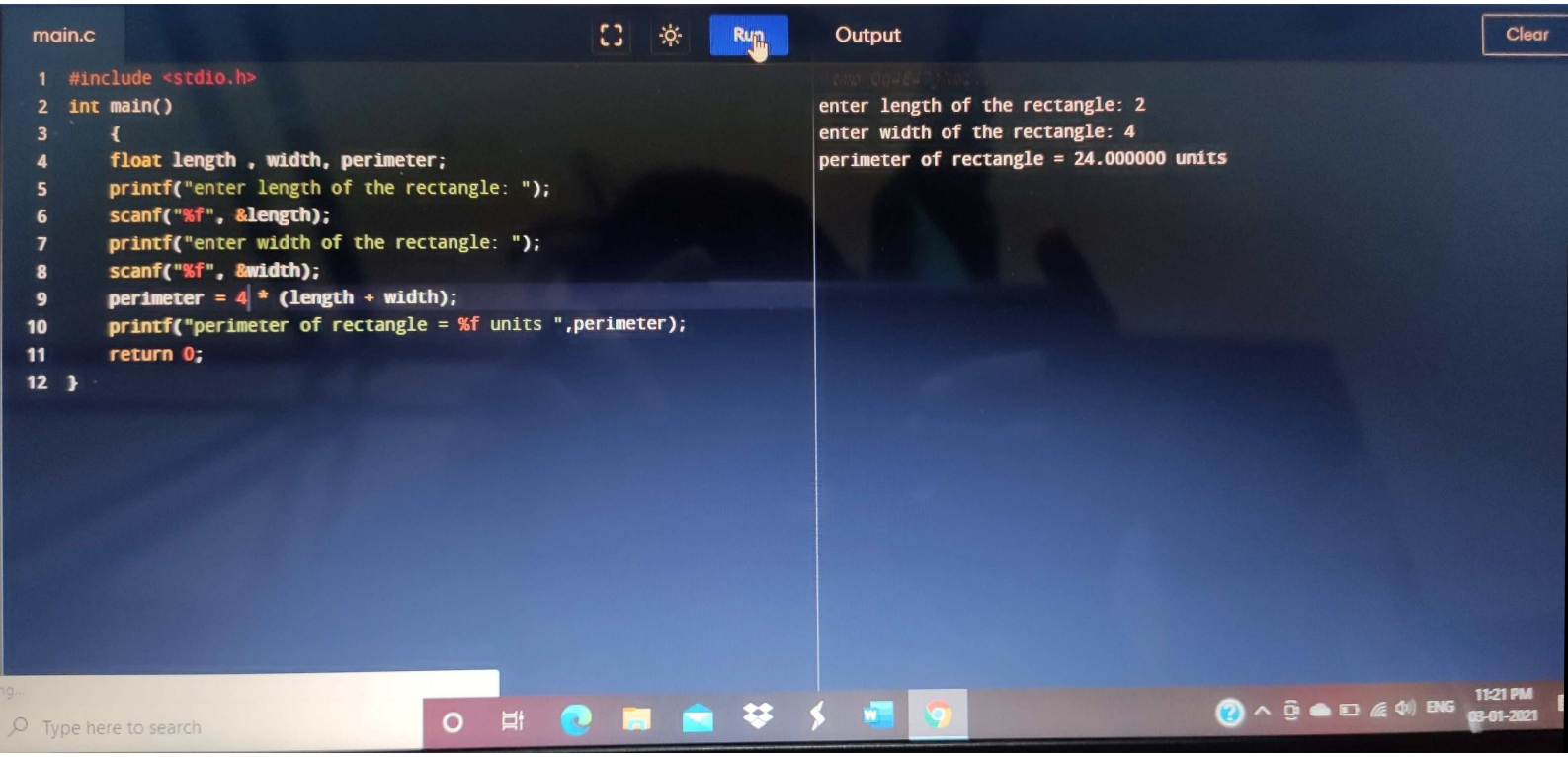
Run

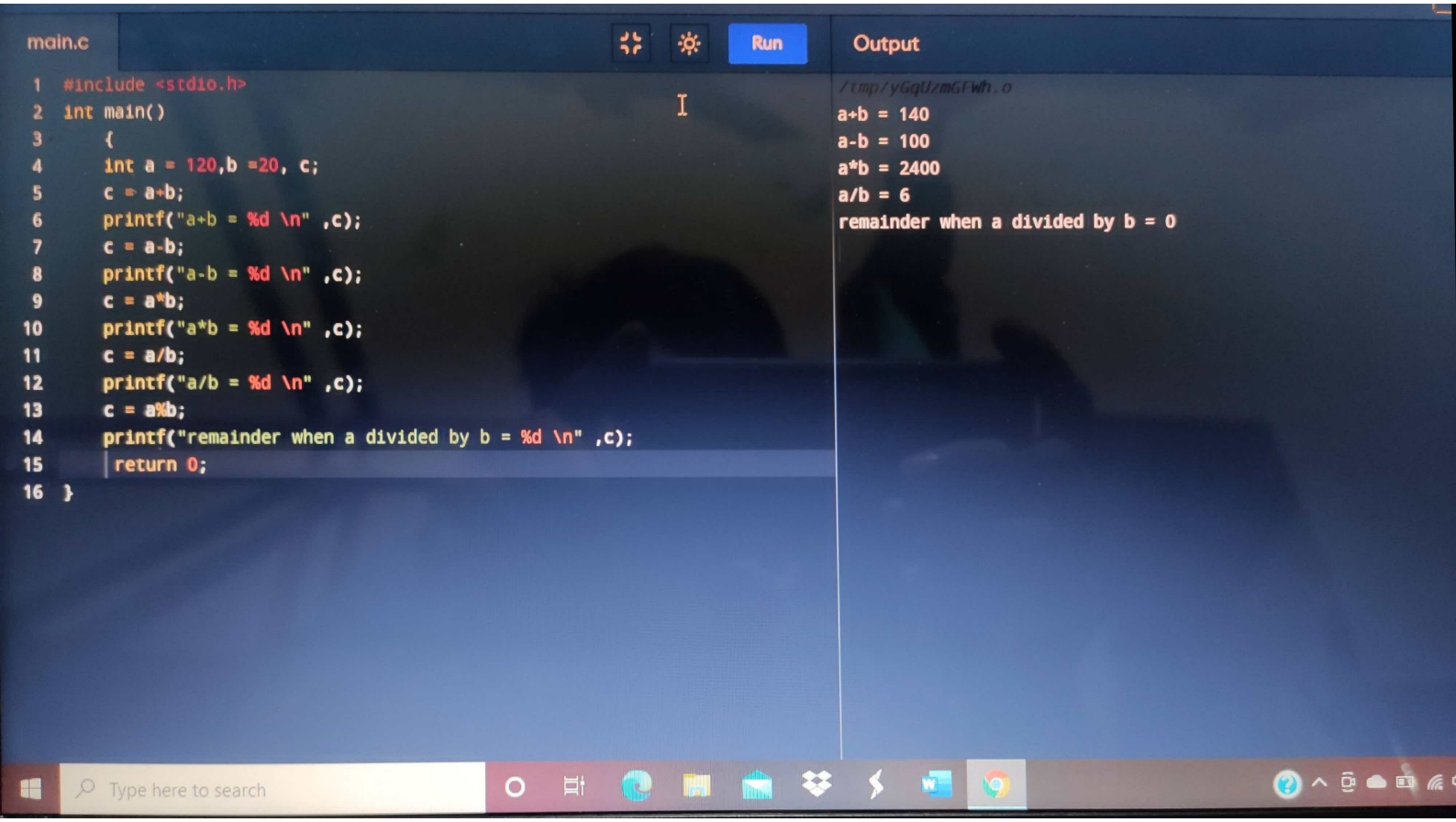
Output

```c
#include <stdio.h>
int main()
{
int tot_mins;
int hrs;
int mins;
const int MINaHOUR = 60;
char line_text[10];
    printf("Input minutes: ");
    fgets(line_text, sizeof(line_text), stdin);
    sscanf(line_text, "%d", &tot_mins);
    hrs = (tot_mins / MINaHOUR);
    mins = (tot_mins % MINaHOUR);
    printf("%d Hours, %d Minutes.\n", hrs, mins);
    return(0);
}

```

```
/tmp/oB7JfcDJf4.o
Input minutes: 12345
205 Hours, 45 Minutes.
```


main.c
Run
Output
Clear
#include <stdio.h>
int main()
{
float length , width, perimeter;
printf("enter length of the rectangle: ");
scanf("%f", &length);
printf("enter width of the rectangle: ");
scanf("%f", &width);
perimeter = 4 * (length + width);
printf("perimeter of rectangle = %f units ",perimeter);
return 0;
}
enter length of the rectangle: 2
enter width of the rectangle: 4
perimeter of rectangle = 24.000000 units
Type here to search
ENG
11:21 PM
03-01-2021


main.c
Run
Output
#include <stdio.h>
int main()
{
int a = 120,b =20, c;
c = a+b;
printf("a+b = %d \n" ,c);
c = a-b;
printf("a-b = %d \n" ,c);
c = a*b;
printf("a*b = %d \n" ,c);
c = a/b;
printf("a/b = %d \n" ,c);
c = a%b;
printf("remainder when a divided by b = %d \n" ,c);
return 0;
}
/tmp/yGqUzmGFWh.o
a+b = 140
a-b = 100
a*b = 2400
a/b = 6
remainder when a divided by b = 0
Type here to search

main.c

Run

Output

```c
#include<stdio.h>
int main()
{
    int a = 125, b= 12345;
    long ax = 1234567890;
    short s = 4043;
    float x = 2.13459;
    double dx = 1.1415927;
    char c = 'W';
    unsigned long ux = 2541567890;
    printf("a + c = %d\n" , a + c);
    printf("x + c = %f\n" , x + c);
    printf("dx + x = %f\n" , dx + x);
    printf("a + x = %f\n" , a + x);
    printf("s + b = %d\n" , s + b);
    printf("ax + b = %ld\n", ax + b);
    printf("s + c = %hd\n" , s + c);
    printf("ax +  c = %ld\n" , ax +c);
    printf("ax + ux = %lu\n" ,ax + ux);
    return (0);
}
```

```
/tmp/oB7Jfc0jf4.o
a + c = 212
x + c = 89.134590
dx + x = 3.276183
a + x = 127.134590
s + b = 16388
ax + b = 1234580235
s + c = 4130
ax +  c = 1234567977
ax + ux = 3776135780
```

main.c

```c
#include<stdio.h>
int main()
{
    printf("Size of int: %ld bytes\n",sizeof(int));
    printf("Size of float: %ld bytes\n",sizeof(float));
    printf("Size of double: %ld bytes\n", sizeof(double));
    printf("Size of char: %ld byte\n",sizeof(char));
    return 0;
}
```

Output

```
Size of int: 4 bytes
Size of float: 4 bytes
Size of double: 8 bytes
Size of char: 1 byte
```