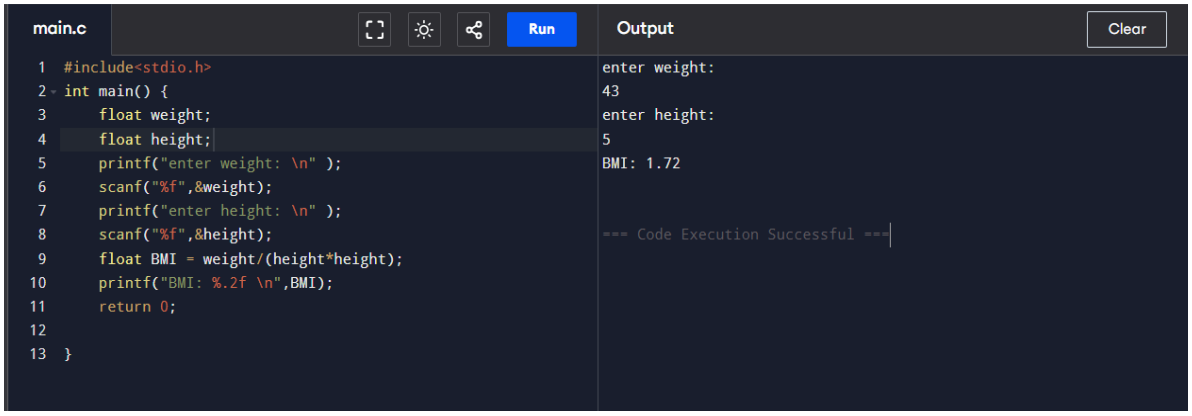
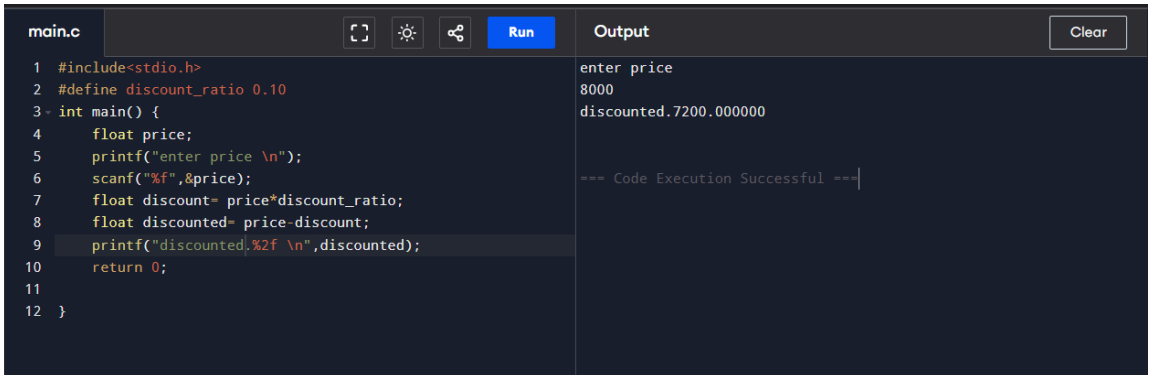
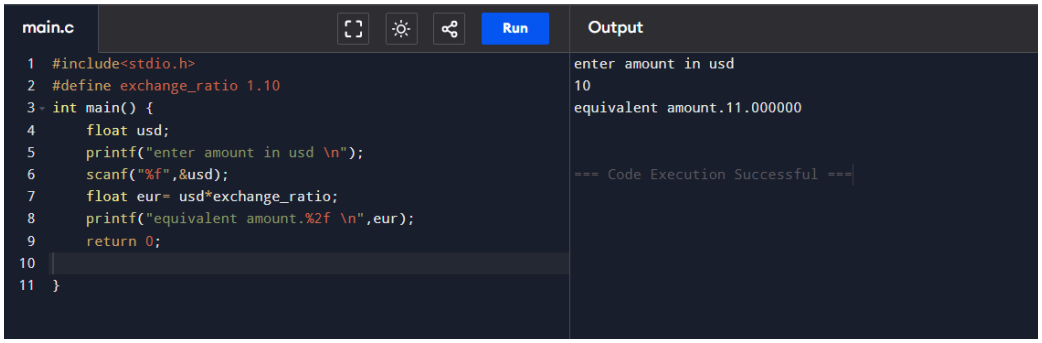
Ex 1 bmi calculation



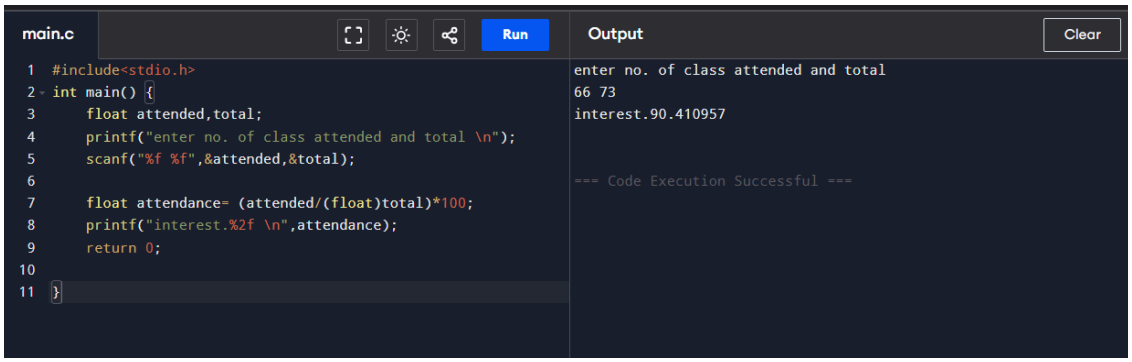
Ex 2 discount of product



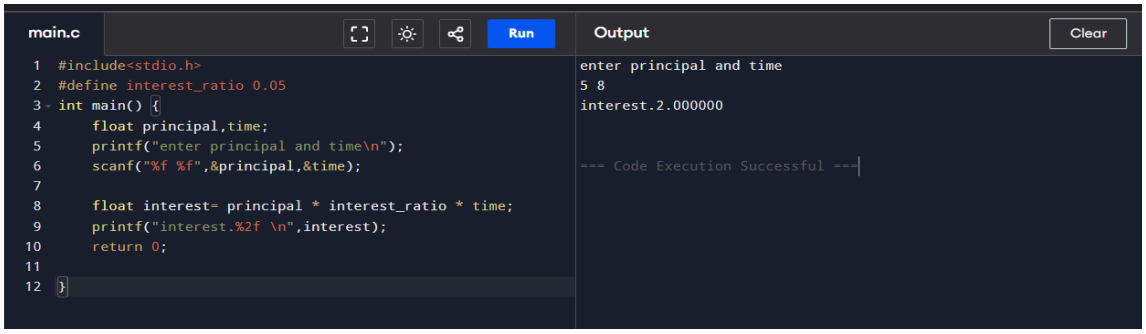
Ex 3 currency conversion



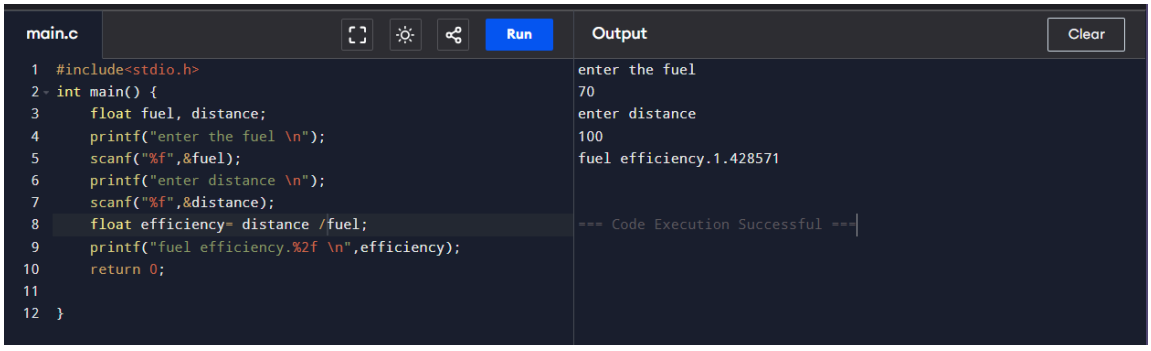
Ex 4 attendance per



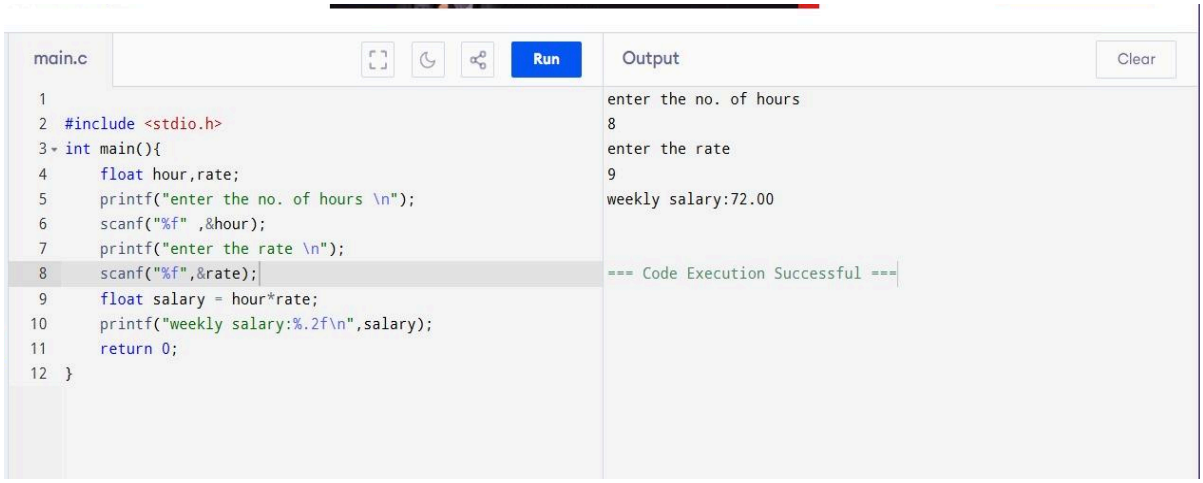
Ex 5 interest calculation



Ex 6 fuel efficiency



Ex 7 exam grade

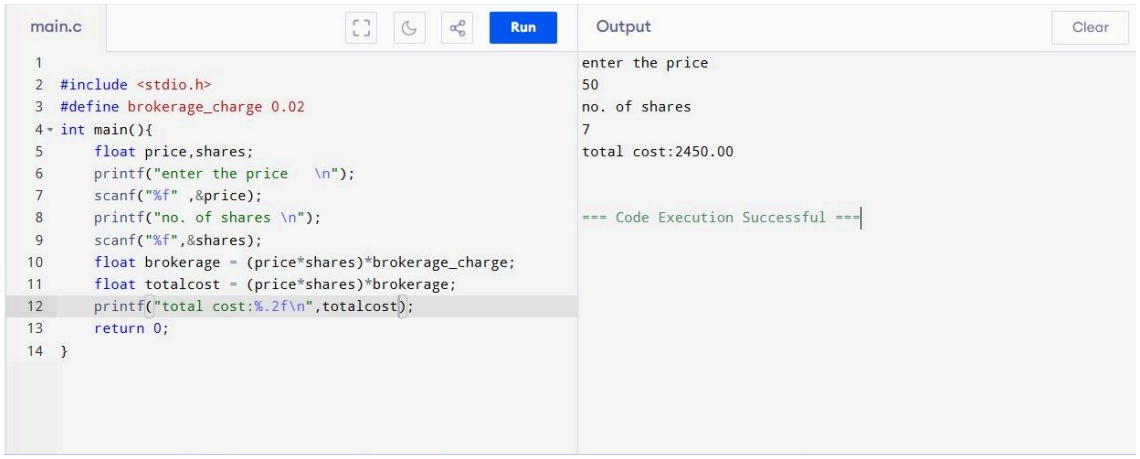


```c
#include <stdio.h>
int main(){
    float hour,rate;
    printf("enter the no. of hours \n");
    scanf("%f" ,&hour);
    printf("enter the rate \n");
    scanf("%f",&rate);
    float salary = hour*rate;
    printf("weekly salary:%.2f\n",salary);
    return 0;
}
```

```
enter the no. of hours
8
enter the rate
9
weekly salary:72.00


=== Code Execution Successful ===
```

Ex 8 stock price

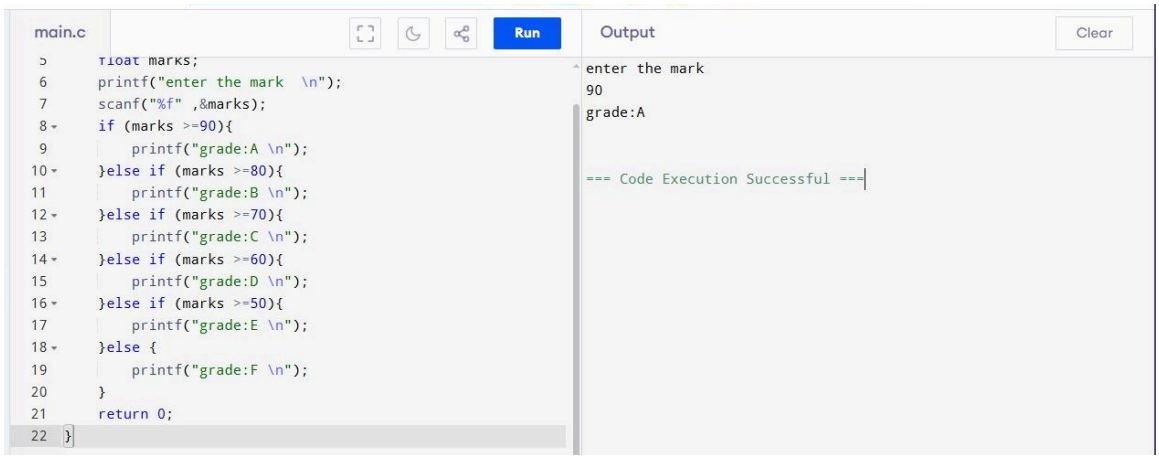


```c
#include <stdio.h>
#define brokerage_charge 0.02
int main(){
    float price,shares;
    printf("enter the price   \n");
    scanf("%f" ,&price);
    printf("no. of shares \n");
    scanf("%f",&shares);
    float brokerage = (price*shares)*brokerage_charge;
    float totalcost = (price*shares)*brokerage;
    printf("total cost:%.2f\n",totalcost);
    return 0;
}
```

```
enter the price
50
no. of shares
7
total cost:2450.00


=== Code Execution Successful ===
```

Ex 9 weekly salary

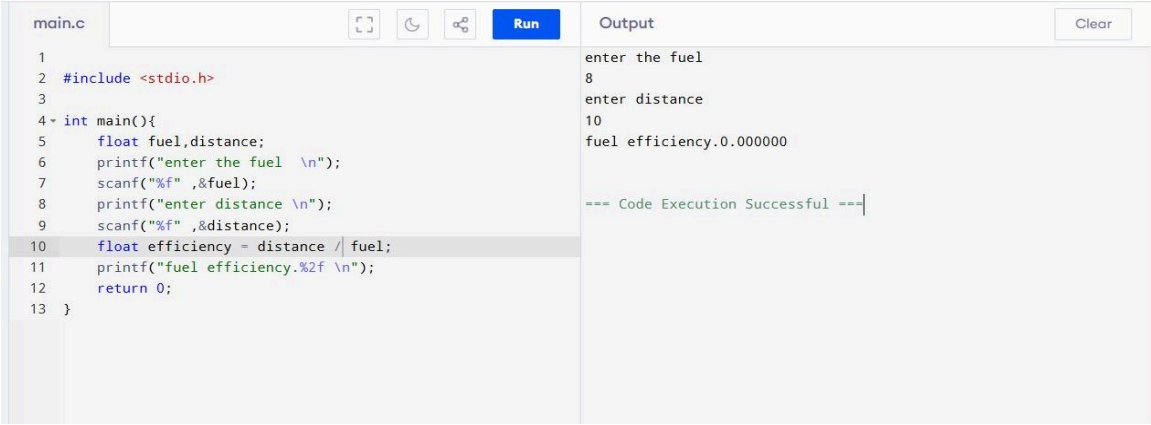


```c
    float marks;
    printf("enter the mark  \n");
    scanf("%f" ,&marks);
    if (marks >=90){
        printf("grade:A \n");
    }else if (marks >=80){
        printf("grade:B \n");
    }else if (marks >=70){
        printf("grade:C \n");
    }else if (marks >=60){
        printf("grade:D \n");
    }else if (marks >=50){
        printf("grade:E \n");
    }else {
        printf("grade:F \n");
    }
    return 0;
}
```

```
enter the mark
90
grade:A


=== Code Execution Successful ===
```

Ex 10 simple stopwatch program



main.c

Run

```c

#include <stdio.h>

int main(){
    float fuel,distance;
    printf("enter the fuel  \n");
    scanf("%f" ,&fuel);
    printf("enter distance \n");
    scanf("%f" ,&distance);
    float efficiency = distance / fuel;
    printf("fuel efficiency.%2f \n");
    return 0;
}
```

Output

Clear

```
enter the fuel
8
enter distance
10
fuel efficiency.0.000000


=== Code Execution Successful ===
```