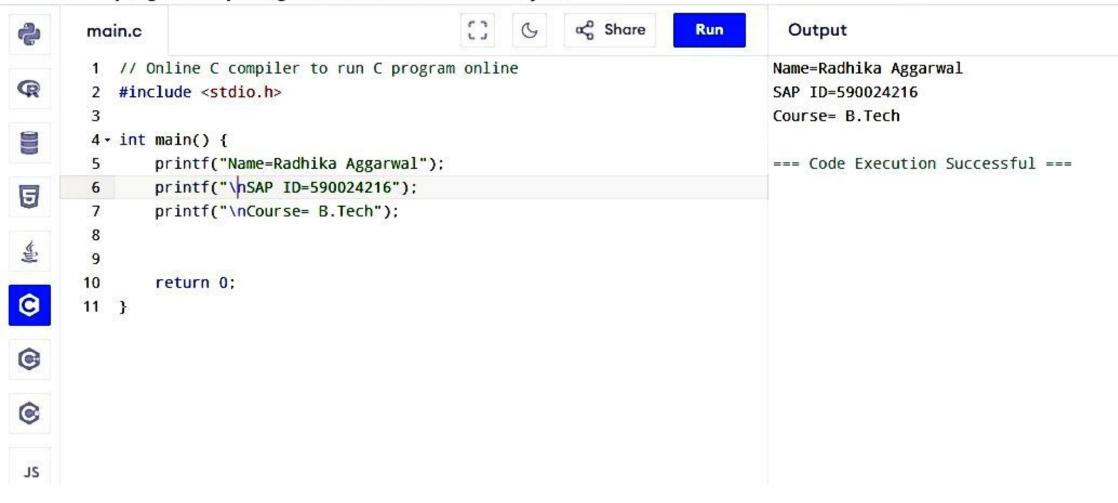
1.WAP a program to print general information about you.



2.WAP a program to print the area and perimeter of circle.

// Online C compiler to run C program online

Run

Output

entre the radius of circle2
Area of circleI is =12.560000
perimeter of circle 12.560000

=== Code Execution Successful ===

```
#include <stdio.h>
 3
 4 - int main() {
        float r:
        printf("entre the radius of circle");
        scanf("%f",&r);
        float A= 3.14*r*r;
        float P=2*3.14*r;
10
        printf("Area of circleI is =%f",A);
11
        printf("\nperimeter of circle %f",P);
12
13
14
        return 0;
15 }
```

3.WAP a program to convert the temperature from celcius to fahrenheit.

printf("Temperature in farenheit is =%f",f);

10 11 12

13 }

14

return 0:

```
Run
```

Output

```
1  // Online C compiler to run C program online
2  #include <stdio.h>
3
4 * int main() {
5     float c;
6     printf("entre the temperature in c");
7     scanf("%f",&c);
8
9     float f= (9*c)/5+32;
entre the temperature in c-40
Temperature in farenheit is =-40.000000
=== Code Execution Successful ===

### Temperature in c-40

### Te
```

4.WAP a program to calculate compound interest. Output Run 1 // Online C compiler to run C program online entre principal amt, rate of interest, and years 40000 12 2 2 #include <stdio.h> calculated ci is=10176.000000 #include <math.h> === Code Exited With Errors === 5 - void main() { float p,r,n; printf("entre principal amt, rate of interest, and years"); scanf("%f%f%f",&p,&r,&n); 8 float ca=p*pow((1+(r/100)),n); 9 10 float ci=ca-p; 11 12 printf("calculated ci is=%f",ci); 13 14 15 }

5.WAP a program to swap two numbers without using third variable.

```
∝ Share
                                                                              Output
main.c
                                                                    Run
   // Online C compiler to run C program online
                                                                             entre two numbers4 2
   #include <stdio.h>
                                                                             swap of two number 2.000000 4.000000
 3
 4 - void main() {
                                                                             === Code Exited With Errors ===
       float num1, num2;
       printf("entre two numbers");
        scanf("%f%f",&num1,&num2);
       num1=num1+num2;
       num2=num1-num2;
 9
10
       num1=num1-num2;
11
12
       printf("swap of two number %f",num1);
13
       printf("\t %f",num2);
14
15
16 }
```

.WAP a program to swap two numbers using third variable.

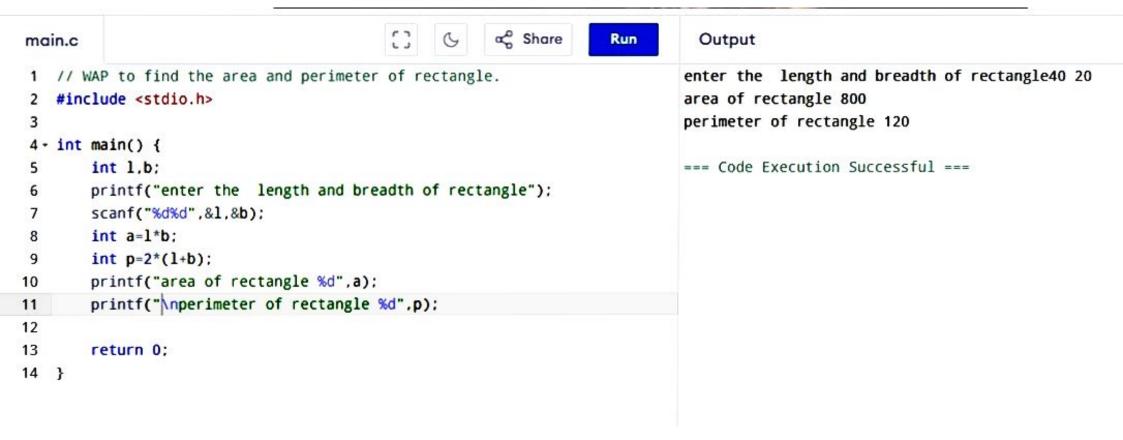
Run

```
Output
```

```
// Online C compiler to run C program online
    #include <stdio.h>
 3
 4 - void main() {
        float num1, num2, temp;
        printf("entre two numbers");
        scanf("%f%f",&num1,&num2);
        temp=num1;
        num1=num2;
10
        num2=temp;
11
12
13
        printf("swap of two number %f", num1);
        printf("\t %f", num2);
14
15
16
   }
```

entre two numbers4 2 swap of two number 2.000000 4.000000

=== Code Exited With Errors ===



```
1 // WAP to find the simple interest.
2 #include <stdio.h>
3
4 int main() {
5    int p,r,t;
6    printf("enter the principal amt,rate of int and time");
7    scanf("%d%d%d",&p,&r,&t);
8    int SI=(p*r*t)/100;
9    printf("simple interest is %d",SI);
10
11    return 0;
12 }
```

enter the principal amt, rate of int and time40000 12 2 simple interest is 9600

=== Code Execution Successful ===

