TASK3

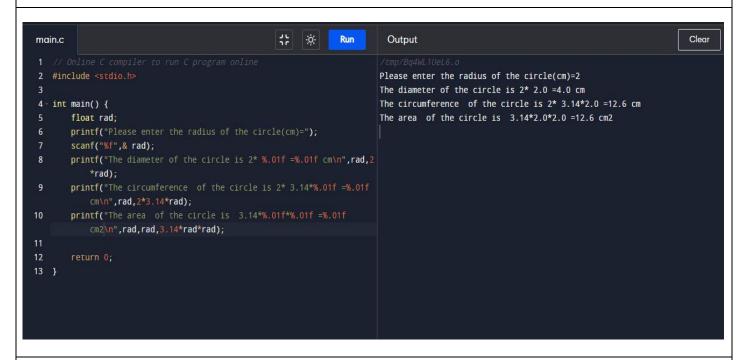
• Basic C programming exercises.

Problem 3 Please enter the first number=10 Please enter the second number=2 The summation of 10.0 + 2.0 = 12.04 int main() { float num1 ,num2; The subtration of 10.0 - 2.0 =8.0 The Product of 10.0 * 2.0 =20.0 printf("Please enter the first number="); scanf("%f",& num1); The division of 10.0 / 2.0 =5.0 printf("Please enter the second number="); 8 9 scanf("%f",& num2); 10 printf("The summation of $\%.01f + \%.01f = \%.01f \n", num1,num2$,num1+num2); printf("The subtration of %.01f - %.01f =%.01f \n", num1,num2 , num1-num2); printf("The Product of %.01f * %.01f =%.01f \n", num1,num2 12 ,num1*num2); printf("The division of %.01f / %.01f =%.01f \n", num1,num2 ,num1/num2);

```
main.c
                                                                  Run
                                                                            Output
                                                                                                                                              Clear
2 #include <stdio.h>
                                                                           Please enter the length(cm)=5
                                                                           Please enterthe breadth(cm)=2
4 int main() {
                                                                           The area of rectangle is 2*(5.0 + 2.0) = 14.0 \text{ cm}2
       float length ,breadth;
       printf("Please enter the length(cm)=");
       scanf("%f",& length);
8
       printf("Please enterthe breadth(cm)=");
       scanf("%f",& breadth);
10
           printf("The area of rectangle is 2*( %.01f + %.01f) =%.01f
                cm2\n", length,breadth,2*(length+breadth));
14 }
```

Problem 5

Problem 6



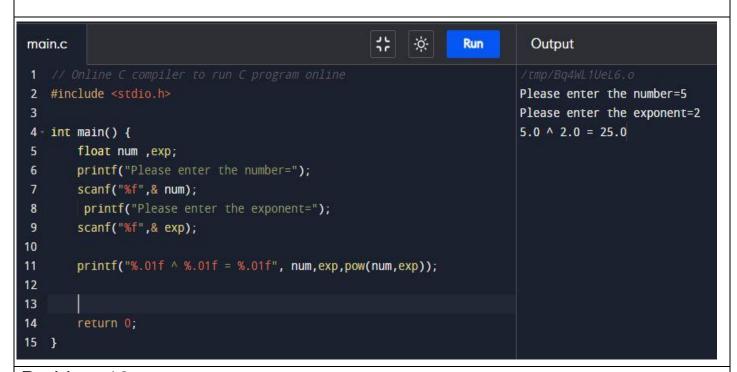
```
4. ×
                                                                Run
                                                                          Output
                                                                        Please enter the legth(cm)=100
                                                                        The length in meter 100.0/100 =1.0 m
4 int main() {
                                                                        The length in kilometer 100.0/1000 =0.1 km
       float length;
       printf("Please enter the legth(cm)=");
6
       scanf("%f",& length);
       printf("The length in meter %.01f/100 =%.01f m\n",length,length
8
      printf("The length in kilometer %.01f/1000 = %.01f km\n", length
          ,length/1000);
10
12
13 }
```

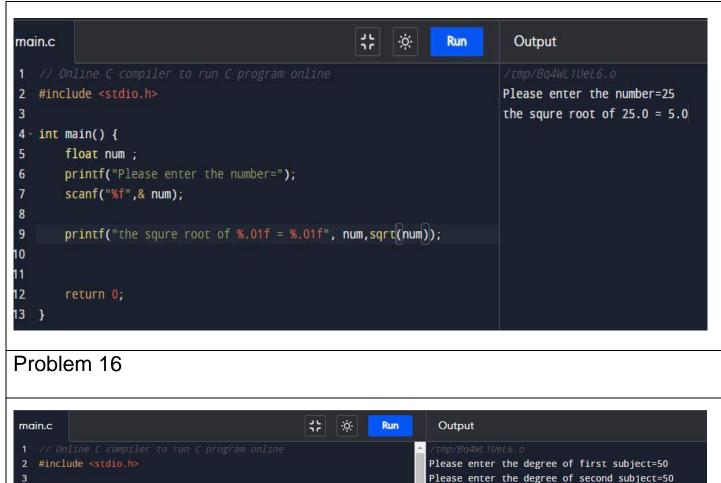
Problem 8

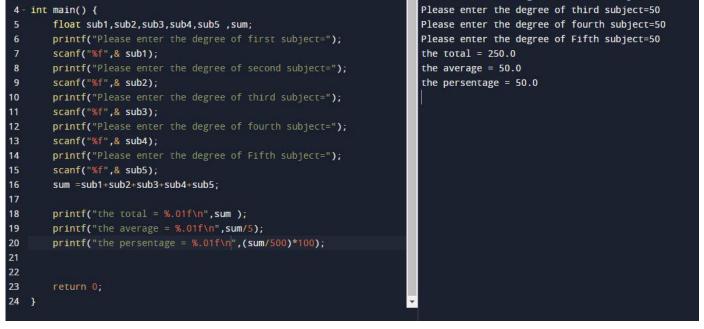


```
15 ×
                                                                Run
main.c
                                                                          Output
                                                                         Please enter the numbedr of days=366
                                                                         There are 1 years, 0 weeks, 1 days
4 int main() {
       int days ,weeks, years;
       printf("Please enter the numbedr of days=");
       scanf("%d",& days);
       years = (days / 365); // Ignoring leap year
       weeks = (days % 365) / 7;
9
10
       days = days - ((years * 365) + (weeks * 7));
       printf("There are %d years, %d weeks, %d days \n", years, weeks
14
15
```

Problem 11







I am a little bit confused with Bitwise operator exercises.