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Programiz

C Online Compiler

Programiz PRO

main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 int main() {
5     // Write C code here
6     float a, b, c;
7     int ch;
8     while (1)
9     {
10         printf("simple calculations");
11         printf("\n1.Addition \n2
           .Subtraction \n3
           .Multiplication\n4
           .Division\n5.Exist");
12         printf("\nEnter your choice");
13         scanf("%d",&ch);
14         printf("\n Enter the value of a
           and b");
15         scanf("%f%f",&a,&b);
16         switch(ch)
17         {
18             case 1: c= a+b;
19                 printf("the addition
                       result%f",c);
20                 break;
```

Run



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main.c

Output



```
15      scanf("%T%T",&a,&b);
16      switch(ch)
17      {
18          case 1: c= a+b;
19          printf("the addition
                result%f",c);
20          break;
21          case 2: c= a-b;
22          printf("the substration
                of%f",c);
23          break;
24          case 4: if(b==0)
25          {
26              printf("division is not
                    possible");
27              return 0;
28          }
29          c= a/b;
30          printf("the division result
                is%f",c);
31          break;
32
33      return 0;
34
35  }
36  }
```

Run



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main.c

Output



simple calculations

1.Addition

2.Subtraction

3.Multiplication

4.Division

5.Exist

Enter your choice 4

Enter the value of a and b 16 14  
the division result is1.142857simple  
calculations

1.Addition

2.Subtraction

3.Multiplication

4.Division

5.Exist

|



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C Online Compiler

Programiz PRO

main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3 #include <stdlib.h>
4 int main (void)
5 {
6     int year;
7     printf("Enter the year:");
8     scanf("%d",&year);
9     if ((year % 4 == 0 && year % 100 != 0)
10         || year % 800 == 0)
11     {
12         printf("%d year is a leap year"
13             ,year);
14     }
15     else
16     {
17         printf("%d is not a leap year"
18             ,year);
19     }
20     return 0;
21 }
```



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**Programiz**

C Online Compiler

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main.c

Output



```
Enter the year: 20242024  
2024 year is a leap year
```

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





main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4 int main() {
5     // Write C code here
6     int num;
7     printf("enter a number");
8     scanf("%d",&num);
9     if(num>0){
10         printf("the number is positive
           \n");
11     }else if(num<0){
12         printf("the number is negative.
           \n");}
13     else{
14         printf("the number is zero.
           \n");
15     }
16     return 0;
17 }
18
19
```



main.c

Output



```
enter a number 1616
the number is positive.
```

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



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 Programiz

C Online Compiler

Programiz PRO

main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3 int main(){
4     float principal, rate, time,
       interest;
5     printf("Enter the principle, rate,
       time");
6     scanf ("%f%f%f", &principal , &rate
       , &time);
7     interest= (principal*rate*time)/100
       ;
8     printf("Simple Interest=%.2f\n"
       ,interest);
9     return 0;|
10 }
```





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**Programiz**

C Online Compiler

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main.c

Output



```
Enter the principle, rate, time 26 18 1726 18
17
Simple Interest=79.56
```

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

```

//Assume that you have an account balance of
rs.100000.Ask the user says deposit ask
amount to be deposited and print amount
deposited and balance in the account.if user
says withdraw ask amount to be withdraw and
check whether amount is less than account
balance if yes print amount withdrawn and
balance,else print insufficet funds.
#include<stdio.h>
int main(void)
{
    int balance=100000,withdraw,deposit;
    operation=input("do you want to deposit
or withdraw?(enter deposited or withdraw )")
    if(operation=="deposit")
    {
        float(input("enter the amount to
deposit :"));
        balance+=deposit amount
        printf("amount deposited
:â, '%f", deposited amount);
        printf("new account balance
:â, '%f", balance);
    }
    else if{(operation=="with draw")}
    float(input("enter the amount to be
withdraw:"))withdraw amount<=balance;
    {
        printf("withdrawn
amount:â, '%f", withdraw amount)
        printf("new account balance
:2%f", balance);
    }
    else;
    {
        printf("insufficent=");
    }
    else;
    {
        printf("invalid");
    }
}

```