

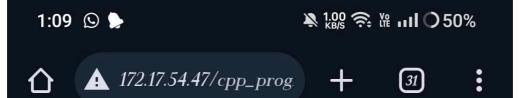




Questions
69. Write a C++ program to overload a function to add two integer numbers and two floating-point numbers separately.



0 5 5 4 7







Questions
68. Write a C++ program to overload the += operator to add two objects of a user-defined class.



```
# #include<iostream>
2 using namespace std;
3 class num
4 {
5     private:
6     int n;
7     public:
8     void getnum(int x)
9     {
10         n=x;
11     }
12     void dispnum(void)
13     {
14         cout<<"addition is: "<<n;
15     }
16     num operator+=(num&obj)
17     {
18         num x;
19         x.n=this->n+obj.n;
20         return (x);
21     }
22 };
23 int main()
24 {
25         num num1,num2,sum;
26         num1.getnum(100);
27         num2.getnum(20);
28         sum=num1+=num2;
29         sum.dispnum();
30         cout<<endl;
31         return 0;
32 }</pre>
```

Your INPUT go's here! Give only values. do not give like a=10



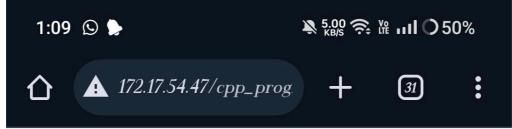




Questions 70. Write a C++ program to overload a function to find the maximum value from two integer numbers, two floating-point numbers, and two characters separately.

Run Save 1 #include<iostream> 2 using namespace std;
3 int max(int,int);
4 float max(float,float);
5 int main() float c,d;
float c,d;
cin>a>>b>c>>d;
cout<<"maximum value 1: "<<max(a,b)<<endl;
cout<<"maximum value 2: "<<max(c,d);</pre> if(a>b) return a; else 20 } 21 float max(float c,float d) if(c>d) return c;

1208 213 33.43 33.44







Questions
72. Write a C++ program to overload a function to calculate the area of a square, a rectangle, and a circle separately.



```
#include<iostream>
1 #include<iostream>
2 using namespace std;
3 int square(int);
4 int rect(int,int);
5 float circle(float,int);
6 int main()
7 {
8     int a,l,b,r;
9     float pi=3.14;
10     coin>a>>1>>>r;
12     cout<"area of square: "<<square(a)<<"\n";
13     cout<"area of rectangle: "<<ret(l,b)<<"\n";
14     return 0;
15 }
16 int square(int a)
17 {
18     return (a*a);
19 }
20 int rect(int l,int b)
21 {
22     return (l*b);
23 }
24 float circle(float pi,int r)
25 {
26     return (pi*r*r);
27 }
```







Questions
75.
Wite a C++ program to overload a function to find the factorial of an integer number and the factorial of a floating-point number separately.



```
#include<iostream>
2 using namespace std;
3 int fact(int);
4 float fact(float);
5 int main()
6 {
7   int n;
8   float m;
9   cin>>n>m;
10   cout<<"factorial of "<<n<" = "<<fact(m)<<endl;
11   cout<<"factorial of "<<m<= "<<fact(m);
12   return 0;
13 }
14 int fact(int n)
15 {
16   if(n>1)
17   return n*fact(n-1);
18   else
19   return 1;
20 }
21 float fact(float m)
22 {
23   if(m>1)
24   return m*fact(m-1);
25   else
26   return 1;
```







Questions
77.
Write a C++ program to overload a function to calculate the power of an integer number and the power of a floating-point number separately:









Questions
78. Write a C++ program to overload a function to find the absolute value of an integer number and the absolute value of a floating-point number separately.



```
#include<iostream>
2 using namespace std;
3 int ab(int);
4 float ab(float);
5 int main()
6 {
7    int n;
8    float m;
9    cout<<"absolute of "<<n<<" = "<<ab(m);
11    cout<<"absolute of "<<m<<" = "<<ab(m);
12    return 0;
13 }
14 int ab(int n)
15 {
16    if(n>0)
17    return n;
18    else
19    return n*(-1);
20 }
21 float ab(float m)
22 {
23    if(m>0)
24    return m;
25    else
26    return m*(-1);
27 }
```