Aim: To perform function overloading.

Code:

#include <iostream>

using namespace std;

int sum(int a){

return a+10;

}

float sum(float a){

return a+10.54;

}

int sum(int a,int b){

return a+b;

}

float sum(float a,int b){

return a+b;

}

int main(){

int a,b;

float f;

cin>>a>>b>>f;

cout<<sum(a)<<"\n";

cout<<sum(a,b)<<"\n";

cout<<sum(f)<<"\n";

cout<<sum(f+b)<<"\n";

}