Solution Code

```
/*  C++ Program to Show Overload Constructor Example  */

#include<iostream>
using namespace std;

class test
{
    private:
        int a;
        char b;
        double c;
    public:
        test(int q)
        {
            a=q;
            b= '0';
            c=0;
        }

        test(char q)
        {
            a=0;
            b= q;
            c=0;
        }
```

Solution Code


```
test(double q)
        {
            a=0;
            b='0';
            c=q;
        }
        test(int q1, char q2, double q3)
        {
            a=q1;
            b=q2;
            c=q3;
        }
            void show(){
            cout<<"\nValue of a: "<<a<<endl;
            cout<<"\nValue of b: "<<b<<endl;
            cout<<"\nValue of c: "<<c<<endl<<endl;
        }
};
int main()
{
    test q1(5);
    test q2('t');
    test q3(3.14);
    test q4(4, 'y', 3.45);
    q1.show();
    q2.show();
    q3.show();
    q4.show();

    return 0;
}
```