

6Q1

```
#include<iostream>                #include<cstring>
using namespace std;                class printdata {
public:                              void print(int value) {
cout << "value " << value << endl; }
void print(const char* str) {
cout << "value \"" << str << "\"" << endl; } };
int main() {                        printdata obj;
obj.print(10);
obj.print("hi");                    return 0; }
```

6] Q2

```
#include <iostream>                using namespace std;
class complex                      { public:
int a1, b1, a2, b2;
void add() {
cout << "Enter a and b where a + ib is the first complex number.";
cout << "\na = ";
cin >> a1;
cout << "b = ";
cin >> a2;
cout << "Enter c and d where c + id is the second complex number.";
cout << "\nc = ";
cin >> b1;
cout << "d = ";
cin >> b2; }
friend void display(complex c); };
void display(complex c) {
int r = c.a1 + c.b1;                int i = c.a2 + c.b2;
cout << "Sum of two complex numbers = " << r << " + " << i << "i"; }
int main() { complex c1; c1.add(); display(c1); return 0; }
```