2:-Q1

```cpp
#include <iostream>
using namespace std;
class Rectangle2; // forward declaration
class Rectangle1
{ public:
int area;
public:
void area1(int l, int b)
{ area = l * b;
cout << "area of rectangle 1 is : " << area;  }
friend void display(Rectangle1 r1, Rectangle2 r2);
};  class Rectangle2
{ public:
int area;
public:
void area2(int l, int b)
{ area = l * b;
cout << "\narea of rectangle 2 is : " << area;  }
friend void display(Rectangle1 r1, Rectangle2 r2);
};   void display(Rectangle1 r1, Rectangle2 r2)
{ if (r1.area > r2.area)
cout << "\narea of rectangle 1 is greater : " << r1.area;
else    cout << "\narea of rectangle 2 is greater : " << r2.area;
}   int main()
{ Rectangle1 rect1;
rect1.area1(8, 9);
Rectangle2 rect2;
rect2.area2(2, 4);
display(rect1, rect2);
return 0;  }
```

2]Q2 write a c++program to copy the contents of one file to another

```cpp
#include <fstream>
#inclu de <iostream>
using namespace std;
int main() {
string line;
ifstream ini_file("demo.txt");
ofstream out_file("copy.txt");
if (ini_file && out_file) {
while (getline(ini_file, line)) {
out_file << line << "\n";
}
cout << "Copy Finished \n";
} else {
cout << "Cannot read file\n";
}
ini_file.close();
out_file.close();
return 0;
}
```