

PROGRAM -

CREATE A CLASS WITH TWO DATA MEMBERS AND ANOTHER CLASS WITH THREE DATA MEMBERS. CREATE A FUNCTION AVERAGE TO FIND THE AVERAGE OF THESE FIVE DATA MEMBERS OF BOTH THE GIVEN CLASS USING THE CONCEPT OF FRIEND FUNCTION.

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//IMPLEMENTATION OF FRIEND FUNCTION

```
#include<iostream>
using namespace std;
class B;
class A
{
    float a1, a2;
public:
    // friend function
    friend void avg(A, A, B, B, B);
}X;
class B
{
    float b1, b2, b3;
public:
    // friend function
    friend void avg(A,A,B,B,B);
}Y;
void avg(A,A,B,B,B)
{
    X.a1=10;
    X.a2=5;
    Y.b3=6;
    Y.b1=4;
    Y.b2=7;
    cout<<((X.a1 + X.a2+ Y.b1+ Y.b2+ Y.b3)/5);
}
int main()
{
    avg(X,X,Y,Y,Y);

    return 0;
}
```

6.4

Process exited after 0.01082 seconds with return value 0
Press any key to continue . . .