**Experiment 16**

**Aim:** Write a program to design a Template to perform multiplication of integer and float type.

**code:**

#include<iostream>

using namespace std;

template<class T>

class Multyply

{

T a,b;

public:

Multyply(T x,T y)

{

a=x;

b=y;

}

void Multy()

{

T z;

z=a\*b;

cout<<endl<<"Multiply of two numbers a and b is:"<<z;

}

};

int main()

{

Multyply <int> s1(12,2);

Multyply <float> s2(23,4);

s1.Multy();

cout<<endl;

s2.Multy();

cout<<endl;

return 0;

}