Write a program to find volume of cube,cylinder or and rectangular box using function overloading

```cpp
#include <iostream>
using namespace std;
int volume(int);
float volume(float, int);
long volume(long, int, int);
int main()
{
    int p, h, b;
    float r;
    long l;
    cout << "enter the value of p" << endl;
    cin >> p;
    cout << "enter the value of r and h" << endl;
    cin >> r >> h;
    cout << "enter the value of l,b and h" << endl;
    cin >> l >> b >> h;
    cout << "volume of cube is:" << volume(p) << endl;
    cout << "volume of rectangular is:" << volume(l, b, h) << endl;
    return (0);
}
int volume(int p)
{
    return (p * p * p);
}
float volume(float r, int h)
{
    return (3.14 * r * r * h);
}
long volume(long l, int b, int h)
{
    return (l * b * h);
}
```

Output

enter the value of p
6
enter the value of r and h
3 6
enter the value of l,b and h
4 5 6
value of cube=216
value of cylinder=169.56
value of rectangular box=120