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```cpp
#include <iostream>

using namespace std;

class Cub{
private:
    float muchie;

public:
    void set_dimensiuni(float muchie_noua){
        muchie = muchie_noua;
    }
    void aria_laterala(){
        cout<<"Aria laterala este "<<4 * muchie<<".\n";
    }
    void volum(){
        cout<<"Volumul cubului este "<<muchie * muchie * muchie<<".\n";
    }
    void aria_totala();
};

void Cub::aria_totala() {
    cout<<"Aria totala a cubului este: "<<6 * muchie * muchie<<endl;
}

int main()
{
    Cub cub;
    char c;
```

```cpp
    float muchie_noua;
    cout<<"Program care afiseaza ariile si volumul unui cub\n";

    while(1){
      cout<<"Introduceti muchia cubului: ";
      cin>>muchie_noua;
      if(muchie_noua <= 0){
        cout<<"Datele introduse sunt incorecte";
      }else{
        cub.set_dimensiuni(muchie_noua);
        cub.aria_laterala();
        cub.aria_totala();
        cub.volum();
      }
      cout<<"Doriti sa executati programul inca o data?(d/n)";
      getchar();
      c = getchar();
      if(c != 'd'){
        break;
      }
    }

    return 0;
}
```