|  |
| --- |
| #include<iostream> |
|  | using namespace std; |
|  |  |
|  | class Box { |
|  | public: |
|  | double length; |
|  | double breadth; |
|  | double height; |
|  |  |
|  | // Member functions |
|  | double getVolume(void); |
|  | void setLength(double len); |
|  | void setBreadth(double bre); |
|  | void setHeight(double hei); |
|  | }; |
|  |  |
|  | double Box::getVolume(void) { |
|  | return length\*breadth\*height; |
|  | } |
|  |  |
|  | void Box::setLength(double len) { |
|  | length = len; |
|  | } |
|  |  |
|  | void Box::setBreadth(double bre) { |
|  | length = bre; |
|  | } |
|  |  |
|  | void Box::setHeight(double hei) { |
|  | height = hei; |
|  | } |
|  |  |
|  | int main() { |
|  | Box box1; |
|  | Box box2; |
|  | double volume = 0.0; |
|  |  |
|  | // box1 specifications |
|  | box1.setLength(6); |
|  | box1.setBreadth(7); |
|  | box1.setHeight(5); |
|  |  |
|  | // box2 specifications |
|  | box2.setLength(12); |
|  | box2.setBreadth(13); |
|  | box2.setHeight(10); |
|  |  |
|  | // volume of box1 |
|  | cout << "Volume of box1: " << box1.getVolume() << endl; |
|  |  |
|  | // volume of box2 |
|  | cout << "Volume of box2: " << box2.getVolume() << endl; |
|  |  |
|  | return 0; |
|  | } |