PRN: 2020BTEIT00041

Q. Create a class for box and find volume using member functions.

Code:

```cpp
1    #include<iostream>
2    using namespace std;
3
4  v class box{
5
6        int l,b,h;
7        public:
8        void data(void);
9        int volume(void);
10
11   };
12
13   int box::volume()
14 v {
15       return l*b*h;
16   }
17
18 v void box::data(void){
19       cout<<"Enter the length, breadth and height of the box respectively: "
20       cin>>l>>b>>h;
21   }
22
23   int main()
24 v {
25       box b1;
26       b1.data();
27       cout<<"The volume of box b1 is "<<b1.volume();
28
29   return 0;
30   }
```

Output:

```
Enter the length, breadth and height of the box respectively: 5 6 4
The volume of box b1 is 120
```