

C++

ENCAPSULATION

C++ ENCAPSULATION

- Encapsulation is one of the key features of object-oriented programming. It involves the bundling of data members and functions inside a single class.
- Bundling similar data members and functions inside a class together also helps in data hiding.

```
class rectangle
{
public:
int length;
int breadth;
rectangle(int len,int brth): // Constructor to initialize variables
length(len),breadth(brth)
{ }
int getarea() // Function to calculate area
{
return length*breadth;
}
};
```

```
void main()
{
rectangle rect(8,6);
cout<<"area = "<<rect.getarea();
}
```