

CS201: Programming Lab - Week 12 (2018)

Write a C++ program in which you have to implement a class **Circle**. The Class will have the following data member:

1. double radius

You have to implement a parameterized constructor of the class. Write getter and setter methods or member functions of the class. You have to write a **printRadius()** function which will display the radius of the circle. Also, you have to write a friend function of the class named **friendOfCircle()**.

In main () function you have to:

1. Create First object with parameterized constructor.
2. Create Second object with new keyword and parameterized constructor.
3. Update the value of radius of first object using friend function.
4. In above three points print the updated value of radius using printRadius() function.