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PRM : 2019BTEEN00035
           Object Oriented Programming
          Exp. 2: Classes and Objects.
1. Create a class named Student making use of
  appropriate variables and functions.
   class Student
       private:
           int id;
           string name;
      public :
           void setId c int n)
               id = n;
           int getId()
              return id;
           void set Name (string s)
               name = s;
           string getName()
               return name;
     3;
```

- 2. Write answers for following questions.
 - a. How many classes & objects you can create ?

 Ne can create any number of classes and objects as many as we want until memory becomes full.
 - b. Is it mandatory to make variables private & methods public?
 - No, it is not mandatory to make variables private and methods public. It is depend on the need of the user variables are declared as private to achieve data hiding.
 - C. If variable is private then can you access member variable in main function using "." operator ?
 - No, we can't access private member variables in main function. Private member transables are accessible to only the member functions (methods) of that class only.

Questions:

- 1. The variables declared inside the class are known as data members and functions are known as member functions.
 - 2. Only member functions can have access to private members and private functions.
- 3. Which of the following statements about member functions are True or false.
 - (i) A member function can call another member function directly with using the dot operator.
 - cii) A member function can access the private data of the class.
 - => (i) false, (ii) True.
- 4. Data members & member functions of a class in C++ program are by default.
 - > private.
- 5. How structures and classes in C++ differ?
- > In structures, members are public by default whereas, in classes, they are private by default.

Conclusion: A class is a user defined data type which has data members & member functions.

Object is an instance of class. Using class, we can group the data, methods belonging to same thing together. We can hide data using 'private' access specifier.