



## **Concepts of Programming Using Java**

1. Create a class called Date that includes three instance variables—a month (type int), a day (type int) and a year (type int). Provide a constructor that initializes the three instance variables and assumes that the values provided are correct. Provide a set and a get method for each instance variable. Provide a method displayDate that displays the month, day and year separated by forward slashes (/). Write a test application named DateTest that demonstrates class Date's capabilities.
2. Create a class Employee having name and id as fields. Declare static variable with data type string as name of company assign name as "Sunbeam" for all objects. Declare a two-parameter constructor with parameters named n and i. Declare an instance method display and print the output on the console. Create the first object of the class and pass the two arguments with type string and int. all the display method using reference variable e. Similarly create one more object with different name and id and call display method.