Static

Qu What is the purpose of static methods and variables?

Ans: The methods or variables defined as static are called Class variables because they are shared among all the objects of the class.

The static is the part of the class and not of the object. The static variables are stored in the class area, and we do not need to create the object to access such variables. Therefore, static is used int the case, where we need to define variables or methods which are common to all the objects of the class.

For example, in the class simulating the collection of the students in a college, the name of the college is the common attribute to all

the students. Therefore, the college name will be defined as static.