

## Assignments on Library Classes

### SHORT QUESTIONS

1. What is a package? Name the default package.
2. What is the significance of "\*" while importing a package?
3. What is the need of using a wrapper class?
4. Write a function to check whether a character is in uppercase or not.
5. Differentiate between primitive and composite data types.
6. What is the purpose of the function Integer.valueOf( )?
7. `int x = 'A' ;`  
What is the value of x?
8. What is autoboxing? What is the need of autoboxing?

### PROGRAMS

1. Write a program in Java to input a set of N characters. Find and display the number of uppercase characters, number of lowercase characters, number of digits and number of special characters.
2. Write a program in Java to enter a letter. Change the case of the input letter and display the new letter and its ASCII code.

Sample input : b

Sample output : B

The ASCII value of B is 66

