

Worksheet

2

Name:

Roll No: Class: Section:

Date:

VALUES AND TYPES

Chapter-3

1. State whether the following statement is true or false.

- (a) String literals allow only two values.
- (b) Java uses the Unicode system, not the ASCII code system.
- (c) Primitive data types are also called reference data types or composite data types.
- (d) The double data types are floating points that are equal to 4 bytes.
- (e) Implicit type conversion takes place when the target is larger than the source type.
- (f) A token is the smallest element of a program that is meaningful to the compiler.
- (g) Boolean literals can only be assigned to variables declared as boolean.
- (h) Only true and false values are allowed for boolean literals.

2. Fill in the blanks.

- (a) supports a wide range of characters (0-2 21).
- (b) ASCII code requires space.
- (c) is considered as the smallest individual element in a Java program that has a meaning
- (d) Direct assignment of a constant to a variable is called
- (e) A is the name of a memory location.
- (f) The package needed to import the StreamReader class is
- (g) function accepts an integer by using a scanner object.

3. Short answer type questions.

- (a) `int val='A';` What is the value of val?
- (b) State the number of bytes occupied by the float and double data types?
- (c) Give any two examples of the keyword.
- (d) Identify and name the following token
i) `==` ii) `public`