

1. WRAPPER CLASS IN JAVA:

The automatic conversion of primitive data type into its corresponding wrapper class is known as Autoboxing.

valueOf() :method of wrapper classes to convert the primitive into objects.

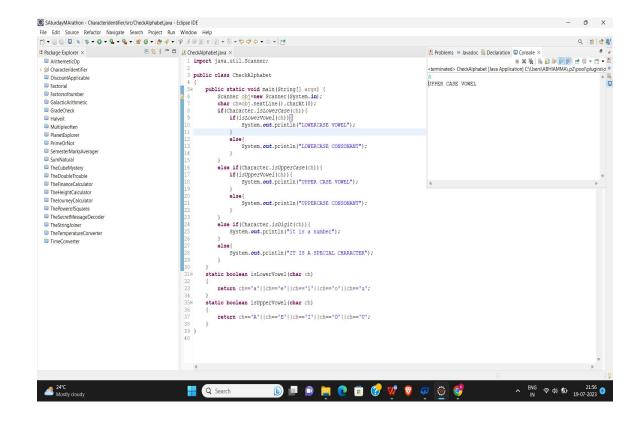
Primitive Type	Wrapper class
boolean	Boolean
char	Character
byte	Byte
short	Short
int	Integer
long	Long
float	Float
double	Double

WRAPPER CHARACTER CLASS METHODS:

- toUpperCase(char ch) Converts the specified character to uppercase.
- toLowerCase(char ch) Converts the specified character to lowercase.
- toString(char ch) Converts the specified character to a string.
- **isDigit(char ch)** Checks if the specified character is a digit (0-9).
- **isLetter(char ch)** Checks if the specified character is a letter.

These are the some of the methods of Character Wrapper class in java.

CHARACTER WRAPPER CLASS PREOGRAM EXAMPLE:



ARRAYS IN JAVA AND ITS METHODS:

An Array is a collection of homogeneous elements in a sequential order and can be retrieved through index.

An Array is an object in java.

ARRAY METHODS:

The methods will be present in the package.

import java.util.Arrays;

- 1. length- returns the length of the array
- 2. toString(Array): It returns a string representation of the contents of this array
- 3. compare(array 1, array 2):Compares two arrays passed as parameters lexicographically.
- 4. sort(originalArray): Sorts the complete array in ascending order.
- 5. equals(array1, array2): Checks if both the arrays are equal or not.

ARRAY METHODS PROGRAM:

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NESTED CONTROL CONSTRUCTS

MATH CLASS IN JAVA:

