

Wrapper Class

```
public class UtilityMethodsExample {  
    public static void main(String[] args) {  
        // Using Character methods  
        char myChar = 'a';  
        System.out.println("Is 'a' a letter? " + Character.isLetter(myChar));  
        System.out.println("Is 'a' uppercase? " + Character.isUpperCase(myChar));  
        System.out.println("Is 'a' lowercase? " + Character.isLowerCase(myChar));  
        System.out.println("Uppercase 'a': " + Character.toUpperCase(myChar));  
        System.out.println("Is ' ' a whitespace? " + Character.isWhitespace(' '));  
        System.out.println("Is 'a' alphabetic? " + Character.isAlphabetic(myChar));  
        System.out.println("Is '1' a digit? " + Character.isDigit('1'));  
  
        // Using Integer methods  
        int num = Integer.parseInt("1234");  
        System.out.println("Parsed integer: " + num);  
        System.out.println("Binary 1's in 1234: " + Integer.bitCount(1234));  
        System.out.println("Comparing 1234 and 5678: " + Integer.compare(1234, 5678));  
  
        // Using Double methods  
        double d = Double.parseDouble("3.14159");  
        System.out.println("Parsed double: " + d);  
        System.out.println("Is NaN? " + Double.isNaN(d));  
        System.out.println("Is 1.0/0.0 infinite? " + Double.isInfinite(1.0 / 0.0));  
  
        // Using Boolean methods
```

```
boolean bool = Boolean.parseBoolean("true");
System.out.println("Parsed boolean: " + bool);
System.out.println("Boolean value of 'true': " + Boolean.valueOf("true"));

// Using Long methods
long bigNum = Long.parseLong("999999999", 10);
System.out.println("Parsed long from string: " + bigNum);
}
}
```

OUTPUT

```
Is 'a' a letter? true
Is 'a' uppercase? false
Is 'a' lowercase? true
Uppercase 'a': A
Is ' ' a whitespace? true
Is 'a' alphabetic? true
Is '1' a digit? true
Parsed integer: 1234
Binary 1's in 1234: 5
Comparing 1234 and 5678: -1
Parsed double: 3.14159
Is NaN? false
Is 1.0/0.0 infinite? true
Parsed boolean: true
Boolean value of 'true': true
Parsed long from string: 999999999
```