Input-Output Assignment 1

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Instructions:
1. This assignment is supposed to be done in 24 Hrs after you receive it.
2. Ask leaders for help if needed.
3. While submitting this assignment attach screenshot of terminal &
description/explanation of the code's/program's behaviour

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Question 1. Write a program to take input from user for all datatypes (int, float, double, long, boolean, char and String) using BufferedReader class and print the same.

Question 2. Write a program in java for **class IPL** that contains:
1. Team name
2. Captain name
3. Best win percentage
4. Number of Indian batsmen
5. Number of International batsmen
Take input forabove fields using BufferedReader class and display them as follows:

Input:
CSK
Mahendra Singh Dhoni
61.28
6
3

Ouput:

The IPL team name is: CSK
It's captain is: Mahendra Singh Dhoni
It has the best win percentage of: 61.28
Number of Indian batsmen are: 6
Number of International batsmen are: 3

Question 3. Write a program to enter 2 numbers using BufferedReader class and perform basic arithmetic calculation and print the result.

Input:
20 40

Output:
Addition of 20 and 40 is: 60
Subtraction of 20 and 40 is: -20
Multiplication of 20 and 40 is: 800
Division of 20 and 40 is: 0.5

Question 4. Write a program to take input of 3 numbers using BufferedReader class and print them in ascending and descending order.

Input:
 6 50 33

Output:
Ascending order is: 6 33 50.
Descending order is: 50 33 6.

Note: Do not sort. Use if-else to set min, mid and max and print accordingly.

Question 5. Write a program to take input of 2 numbers and print all the prime numbers ranging between them and print their count.
Note: If there are no numbers to print then print a message that indicates the same.

Input:
0 30

Output:
2 3 5 7 11 13 17 19 23 29
The count is: 10

Input:
8 10

Output:
The count is: 0
No prime numbers to display.