

Output

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Command Prompt - java MultiServer
C:\Users\gudiv\Desktop>javac MultiServer.java
C:\Users\gudiv\Desktop>java MultiServer
Server Started .....
>>> Client No. : 1 started <<<

From Client - 1 : Number1 is : 100 : Number 2 is : 40
>>> Client No. : 2 started <<<

>>> Client No. : 3 started <<<

From Client - 3 : Number is : 20
From Client - 2 : Number1 is : 40 : Number 2 is : 8
From Client - 1 : Number1 is : 8 : Number 2 is : 3
java.net.SocketException: Connection reset
Client - 3 exit !!
From Client - 2 : Number1 is : 6 : Number 2 is : 1
java.net.SocketException: Connection reset
Client - 2 exit !!
java.net.SocketException: Connection reset
Client - 1 exit !!

From Server to Client - 2
Enter 1st number = 40

Enter 2nd number = 8

From Server to Client : 2 : Divison of : 40 8 is = 5
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
2
From Server to Client - 2
Enter 1st number = 6

Enter 2nd number = 1

From Server to Client : 2 : Difference of : 6 1 is = 5
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
java.lang.NullPointerException
C:\Users\gudiv\Desktop>

CLIENT 1
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
2
From Server to Client - 1
Enter 1st number = 100

Enter 2nd number = 40

From Server to Client : 1 : Difference of : 100 40 is = 60
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
1
From Server to Client - 1
Enter 1st number = 8

Enter 2nd number = 3

From Server to Client : 1 : Sum of : 8 3 is = 11
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit

CLIENT 2
C:\Users\gudiv\Desktop>java MultiClient
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
5
From Server to Client - 3
Enter 1st number = 20

Enter 2nd number = 10

From Server to Client : 3 : Square of : 20 is = 400
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
6
From Server to Client - 3
Enter 1st number =
Enter 2nd number =
C:\Users\gudiv\Desktop>
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If exceptions ?

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Command Prompt - java MultiServer
C:\Users\gudiv\Desktop>java MultiServer
Server Started .....
>>> Client No. : 1 started <<<

From Client - 1 : Number1 is : 8 : Number 2 is : 2
java.net.SocketException: Connection reset
Client - 1 exit !!
>>> Client No. : 2 started <<<

From Client - 2 : Number1 is : 7 : Number 2 is : 2
java.lang.NumberFormatException: For input string: "abb"
Client - 2 exit !!
>>> Client No. : 3 started <<<

From Client - 3 : Number1 is : 8 : Number 2 is : 0
java.lang.ArithmeticException: / by zero
Client - 3 exit !!

SERVER
CLIENT 1
C:\Users\gudiv\Desktop>java MultiClient
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
3
From Server to Client - 1
Enter 1st number = 8

Enter 2nd number = 2

From Server to Client : 1 : Product of : 8 2 is = 16
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
java.lang.NullPointerException
C:\Users\gudiv\Desktop>

CLIENT 2
C:\Users\gudiv\Desktop>java MultiClient
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
4
From Server to Client - 2
Enter 1st number = 7

Enter 2nd number = 2

From Server to Client : 2 : Divison of : 7 2 is = 3
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
abb
From Server to Client - 2
Enter 1st number =
Enter 2nd number =

CLIENT 3
C:\Users\gudiv\Desktop>java MultiClient
Enter the option 1.Add 2.Subtract 3.Multiply 4.Divide 5.Square
6.Exit
4
From Server to Client - 3
Enter 1st number = 8

Enter 2nd number = 0

C:\Users\gudiv\Desktop>
C:\Users\gudiv\Desktop>
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