//OUTPUT

about to create object exception

in no parameter constructor of Class MyException

object exception created

done with current line 1

about to create object exception

in constructor with one parameter of Class Myexception

object exception created

done with current line 2

calling on method ICfunc

inside case 1

outside if, testing if x, which is 0 is equal to 0 and y,which is 0 is equal to 0

inside if, testing if x, which is 0 is equal to 0 and y,which is 0 is equal to 0 is true

in constructor with one parameter of Class Myexception

MyException: all zero

done with current line 3

calling on method ICfunc

inside case 1

outside if, testing if x, which is 1 is equal to 0 and y,which is 1 is equal to 0

inside else if, testing if x, which is 1 is less then or equal to y, which is 1 which is true. The previous if statement, which was is x=0 and y=0, was false

dont with method ICfunc

done with current line 4

calling on method compareFunc

before if, testing if returnVal, which is 1is equal to retval, which is 1

inside if, testing if returnVal, which is 1is equal to retval, which is 1 is true

done with method CompareFunc

done with current line 5

calling on method compareFunc

before if, testing if returnVal, which is 0is equal to retval, which is 1

inside else, testing if returnVal, which is 0is equal to retval, which is 1 which is false

done with method CompareFunc

done with current line 6

calling on method ICfunc

inside case 1

outside if, testing if x, which is 1 is equal to 0 and y,which is 0 is equal to 0

inside else, testing if x=0 and x=0 was false. also x less than or equal to y was also false. x was 1 and y was 0

dont with method ICfunc

done with current line 7

calling on method compareFunc

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

done with method CompareFunc

done with current line 8

calling on method compareFunc

before if, testing if returnVal, which is 1is equal to retval, which is 0

inside else, testing if returnVal, which is 1is equal to retval, which is 0 which is false

done with method CompareFunc

done with current line 9

calling on method ICfunc

inside case 2

outside if, testing if x, which is 0 is equal to y, which is 0

inside if, testing if x, which is 0 is equal to y, which is 0. The aforementioned statement is true.

in constructor with one parameter of Class Myexception

MyException: all equal

done with current line 10

calling on method ICfunc

inside case 2

outside if, testing if x, which is 0 is equal to y, which is 1

inside else if, x equal to y was false. testing if x is less then y which is true. x is 0, y is 1

inside for loop. 0<1 is true

outside if statement, testing if i which is 0 is greater than x+5, x is 0

outside if

dont with method ICfunc

done with current line 11

calling on method compareFunc

before if, testing if returnVal, which is 0is equal to retval, which is 1

inside else, testing if returnVal, which is 0is equal to retval, which is 1 which is false

done with method CompareFunc

done with current line 12

calling on method compareFunc

before if, testing if returnVal, which is 1is equal to retval, which is 1

inside if, testing if returnVal, which is 1is equal to retval, which is 1 is true

done with method CompareFunc

done with current line 13

calling on method ICfunc

inside case 2

outside if, testing if x, which is 0 is equal to y, which is 7

inside else if, x equal to y was false. testing if x is less then y which is true. x is 0, y is 7

inside for loop. 0<7 is true

outside if statement, testing if i which is 0 is greater than x+5, x is 0

outside if

inside for loop. 1<7 is true

outside if statement, testing if i which is 1 is greater than x+5, x is 0

outside if

inside for loop. 2<7 is true

outside if statement, testing if i which is 2 is greater than x+5, x is 0

outside if

inside for loop. 3<7 is true

outside if statement, testing if i which is 3 is greater than x+5, x is 0

outside if

inside for loop. 4<7 is true

outside if statement, testing if i which is 4 is greater than x+5, x is 0

outside if

inside for loop. 5<7 is true

outside if statement, testing if i which is 5 is greater than x+5, x is 0

outside if

inside for loop. 6<7 is true

outside if statement, testing if i which is 6 is greater than x+5, x is 0

inside if statement, testing if i which is 6 is greater than x+5, x is 0. the statement is true

dont with method ICfunc

done with current line 14

calling on method compareFunc

before if, testing if returnVal, which is 5is equal to retval, which is 5

inside if, testing if returnVal, which is 5is equal to retval, which is 5 is true

done with method CompareFunc

done with current line 15

calling on method compareFunc

before if, testing if returnVal, which is 4is equal to retval, which is 5

inside else, testing if returnVal, which is 4is equal to retval, which is 5 which is false

done with method CompareFunc

done with current line 16

calling on method ICfunc

inside case 2

outside if, testing if x, which is 1 is equal to y, which is 0

inside else statement, x equal to y and x less than y is false. x is 1 y is 0

dont with method ICfunc

done with current line 17

calling on method compareFunc

before if, testing if returnVal, which is 2is equal to retval, which is 2

inside if, testing if returnVal, which is 2is equal to retval, which is 2 is true

done with method CompareFunc

done with current line 18

calling on method compareFunc

before if, testing if returnVal, which is 1is equal to retval, which is 2

inside else, testing if returnVal, which is 1is equal to retval, which is 2 which is false

done with method CompareFunc

done with current line 19

calling on method ICfunc

in default for switch method

dont with method ICfunc

done with current line 20

calling on method OCfunc

before while n not equal to 3,about to test condition

inside while loop, n not equal to 3 was true

entering try block

in catch, exception ex

Exception caught: java.lang.NullPointerException

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

in catch, exception ex

Exception caught: java.lang.NullPointerException

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

in catch, exception ex

Exception caught: java.lang.NullPointerException

end of while loop, about to retest if n not equal to 3

outside while loop

done calling method OCfunc

done with current line 21

calling on method OCinit

about to create object of class IC

object of class IC created

done calling method OCinit

done with current line 22

calling on method OCfunc

before while n not equal to 3,about to test condition

inside while loop, n not equal to 3 was true

entering try block

in default for switch method

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 1

outside if, testing if x, which is 1 is equal to 0 and y,which is 1 is equal to 0

inside else if, testing if x, which is 1 is less then or equal to y, which is 1 which is true. The previous if statement, which was is x=0 and y=0, was false

before if, testing if returnVal, which is 1is equal to retval, which is 1

inside if, testing if returnVal, which is 1is equal to retval, which is 1 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 2

outside if, testing if x, which is 1 is equal to y, which is 1

inside if, testing if x, which is 1 is equal to y, which is 1. The aforementioned statement is true.

in constructor with one parameter of Class Myexception

in catch, exception ex

Exception caught: MyException: all equal

end of while loop, about to retest if n not equal to 3

outside while loop

done calling method OCfunc

done with current line 23

calling on method OCinit

about to create object of class IC

object of class IC created

done calling method OCinit

done with current line 24

calling on method OCfunc

before while n not equal to 3,about to test condition

inside while loop, n not equal to 3 was true

entering try block

in default for switch method

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 1

outside if, testing if x, which is 1 is equal to 0 and y,which is 0 is equal to 0

inside else, testing if x=0 and x=0 was false. also x less than or equal to y was also false. x was 1 and y was 0

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 2

outside if, testing if x, which is 1 is equal to y, which is 0

inside else statement, x equal to y and x less than y is false. x is 1 y is 0

before if, testing if returnVal, which is 2is equal to retval, which is 2

inside if, testing if returnVal, which is 2is equal to retval, which is 2 is true

end of while loop, about to retest if n not equal to 3

outside while loop

done calling method OCfunc

done with current line 25

calling on method OCinit

about to create object of class IC

object of class IC created

done calling method OCinit

done with current line 26

calling on method OCfunc

before while n not equal to 3,about to test condition

inside while loop, n not equal to 3 was true

entering try block

in default for switch method

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 1

outside if, testing if x, which is 0 is equal to 0 and y,which is 1 is equal to 0

inside else if, testing if x, which is 0 is less then or equal to y, which is 1 which is true. The previous if statement, which was is x=0 and y=0, was false

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 2

outside if, testing if x, which is 0 is equal to y, which is 1

inside else if, x equal to y was false. testing if x is less then y which is true. x is 0, y is 1

inside for loop. 0<1 is true

outside if statement, testing if i which is 0 is greater than x+5, x is 0

outside if

before if, testing if returnVal, which is 1is equal to retval, which is 1

inside if, testing if returnVal, which is 1is equal to retval, which is 1 is true

end of while loop, about to retest if n not equal to 3

outside while loop

done calling method OCfunc

done with current line 27

calling on method OCinit

about to create object of class IC

object of class IC created

done calling method OCinit

done with current line 28

calling on method OCfunc

before while n not equal to 3,about to test condition

inside while loop, n not equal to 3 was true

entering try block

in default for switch method

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 1

outside if, testing if x, which is 0 is equal to 0 and y,which is 7 is equal to 0

inside else if, testing if x, which is 0 is less then or equal to y, which is 7 which is true. The previous if statement, which was is x=0 and y=0, was false

before if, testing if returnVal, which is 0is equal to retval, which is 0

inside if, testing if returnVal, which is 0is equal to retval, which is 0 is true

end of while loop, about to retest if n not equal to 3

inside while loop, n not equal to 3 was true

entering try block

inside case 2

outside if, testing if x, which is 0 is equal to y, which is 7

inside else if, x equal to y was false. testing if x is less then y which is true. x is 0, y is 7

inside for loop. 0<7 is true

outside if statement, testing if i which is 0 is greater than x+5, x is 0

outside if

inside for loop. 1<7 is true

outside if statement, testing if i which is 1 is greater than x+5, x is 0

outside if

inside for loop. 2<7 is true

outside if statement, testing if i which is 2 is greater than x+5, x is 0

outside if

inside for loop. 3<7 is true

outside if statement, testing if i which is 3 is greater than x+5, x is 0

outside if

inside for loop. 4<7 is true

outside if statement, testing if i which is 4 is greater than x+5, x is 0

outside if

inside for loop. 5<7 is true

outside if statement, testing if i which is 5 is greater than x+5, x is 0

outside if

inside for loop. 6<7 is true

outside if statement, testing if i which is 6 is greater than x+5, x is 0

inside if statement, testing if i which is 6 is greater than x+5, x is 0. the statement is true

before if, testing if returnVal, which is 5is equal to retval, which is 5

inside if, testing if returnVal, which is 5is equal to retval, which is 5 is true

end of while loop, about to retest if n not equal to 3

outside while loop

done calling method OCfunc

done with current line 29