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public class chmod {

    public static void main(String[] args) {
        String input = "4, 5, 6, 7";
        int special =
Character.getNumericValue(input.charAt(0));
        String bool =
convertBool(Character.getNumericValue(input.charAt(3))) + " " +
convertBool(Character.getNumericValue(input.charAt(6))) + " " +
convertBool(Character.getNumericValue(input.charAt(9)));
        System.out.print(bool);
        System.out.print(" and ");
        if(bool.charAt(0)=='1') {
            System.out.print("r");
        } else {
            System.out.print("-");
        }
        if(bool.charAt(1)=='1') {
            System.out.print("w");
        } else {
            System.out.print("-");
        }
        if(special == 1) {
            if(bool.charAt(2)=='1') {
                System.out.print("s ");
            } else {
                System.out.print("- ");
            }
        } else {
            if(bool.charAt(2)=='1') {
                System.out.print("x ");
            } else {
                System.out.print("- ");
            }
        }
        if(bool.charAt(4)=='1') {
            System.out.print("r");
        } else {
            System.out.print("-");
        }
        if(bool.charAt(5)=='1') {
            System.out.print("w");
        } else {
            System.out.print("-");
        }
        if(special==2) {
            if(bool.charAt(6)=='1') {
                System.out.print("s ");
            } else {

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        System.out.print("- ");
    }
} else {
    if(bool.charAt(6)=='1') {
        System.out.print("x ");
    } else {
        System.out.print("- ");
    }
}
if(bool.charAt(8)=='1') {
    System.out.print("r");
} else {
    System.out.print("-");
}
if(bool.charAt(9)=='1') {
    System.out.print("w");
} else {
    System.out.print("-");
}
if(special==4) {
    if(bool.charAt(10)=='1') {
        System.out.print("t ");
    } else {
        System.out.print("- ");
    }
} else {
    if(bool.charAt(10)=='1') {
        System.out.print("x ");
    } else {
        System.out.print("- ");
    }
}
}
}
public static String convertBool(int num) {
    return num/4 + "" + num%4/2 + "" + num%2/1;
}
}

```