

CONDITIONAL STATEMENTS SOLUTIONS

Solution 1:

```
import java.util.*;

public class Solution {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int x = sc.nextInt();

        if (x > 0) {
            System.out.println("x is greater than 0");
        } else {
            System.out.println("x is less than or equal 0");
        }
    }
}
```

Solution 2:

```
public class Solution{
    public static void main(String[] args) {
        double temp = 103.5;
        if (temp > 100) {
            System.out.println("You have a fever");
        } else {
            System.out.println("You don't have a fever");
        }
    }
}
```

Solution 3:

```
import java.util.*;

public class Solution {
```

```

public static void main(String args[]) {

    Scanner sc = new Scanner(System.in);

    /* Input week number from user */

    System.out.println("Enter week number (1-7): ");

    int week = sc.nextInt();

    switch(week) {

        case 1:

            System.out.println("Monday");

            break;

        case 2:

            System.out.println("Tuesday");

            break;

        case 3:

            System.out.println("Wednesday");

            break;

        case 4:

            System.out.println("Thursday");

            break;

        case 5:

            System.out.println("Friday");

            break;

        case 6:

            System.out.println("Saturday");

            break;

        case 7:

            System.out.println("Sunday");

            break;

        default:

            System.out.println("Invalid input! Please enter week number between
1-7.");

    }

}
}

```

Solution 4:

Value of x = false & y = 63..

Solution 5:

```
import java.util.*;

public class Solution {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Input the year: ");

        int year = sc.nextInt();

        boolean x = (year % 4) == 0;

        boolean y = (year % 100) != 0;

        boolean z = ((year % 100 == 0) && (year % 400 == 0));

        if (x && (y || z)) {

            System.out.println(year + " is a leap year");

        } else {

            System.out.println(year + " is not a leap year");

        }

    }

}
```