I. [1 pkt.] There are given variables: `boolean isItRaining` and variable `boolean isItShiny`, both initialized with random boolean type value. Create a code that uses conditional statement `if` to display on console weather condition as follows:

- wet weather – if it is raining and sun doesn't shine,
- rainbow in the sky – if it is raining and the sun shines,
- the sun shines – if the sun shines and not raining,
- it is cloudy – if the sun does not shine and it's not raining

II. [1 pkt.] There are following codes given:

```
boolean stat;
if(Math.random() > 0.5)
    stat = true;
else
    stat = false;
```

Create code that will declare and initialize one variable with the value of 5 if `stat` is `true` or 8 otherwise.

III. [1 pkt.] There is variable of `char` type that contains one character representing a hexadecimal value. Create a code that will convert this value to decimal. Display its result on console.

IV. [1 pkt.] There are two variables: `int day` and `int month` that both are initialized with current day and month respectively. Create a code that will calculate how many days have passed since the beginning of the year.

V. [1 pkt.] Create a code that will display all odd numbers within the range of 0 and 100.

VI. [1 pkt.] Following loop code is given:

```
1  int s = 0;
2  for(int i = 1; i <= 10; i++)
3      s = s + i;
```

Create a code that will produce exactly the same result, but will use `while` statement instead

VII. [1 pkt.] Create a code that will display multiplication table for 1 to 100 range.

```
1  // 1  2  3   4 ...
2  // 2  4  6   8 ...
3  // 3  6  9  12 ...
4  // 4  8 12  16 ...
```