1) (10 pts) DSN (Recursive Functions)

Write a recursive function that will return the binary equivalent of its input parameter, `decimalNo`. You may assume that `decimalNo` is in between 0 and 1023, inclusive, thus the converted binary value will fit into an integer variable. For example, toBinary(46) should return the integer 101110 and toBinary(512) should return 1000000000.

```
int toBinary(int decimalNo) {




}
```