CSC 209 Review 9 Solution

August 31, 2020

1. a) 0 b)

Notes

- a) is 0 because (i >> 1 + j >> 1 = i >> 10 >> 1 = 0)
- Bitwise Shift Operators
 - has lower precedence than arithematic operators

Example:

```
i << 2 + 1 means i << (2+1) and not (i << 2) + 1
```

- << : Left Shift
- >> : Right Shift
- Tip: Always shift only on unsigned numbers for portability

Example

->>=/<<=: Are bitwise shift equivalent of +=