

Pre-Debugging Warmup

1. Complete the following table with the correct binary, decimal, or ASCII value:

| Binary | Decimal | ASCII |
|--------|---------|-------|
| 1100 | | |
| 110000 | | |
| | 67 | |
| | 83 | |
| | 127 | |
| | | % |
| | | = |

2. Operations

Given the following code:

```
int a = 4, b = 10, c = 3, d = 5;
float e = 2.0;
```

Compute the following statements:

| Statement | Expected Result |
|------------------|-----------------|
| b / d | |
| b % d | |
| a / c | |
| a / b | |
| c % d | |
| a % b | |
| a / e | |
| d / e | |
| b / (float) d | |
| d / (float) a | |
| a / (int) e | |
| (float) a / e | |
| (float) a % e | |

3. Summarize the rules for division and modulo division when it comes to integers and floats.