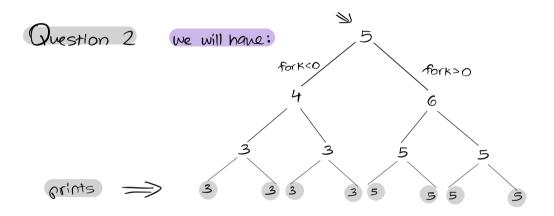
Part 3 Shir Matathias 208000281

Question 1

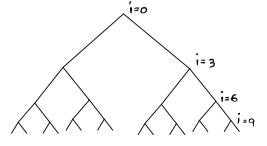
Answer: the minimal value is 1. Since we have 3 threads but if two of them are interrupted then only one of them runs and incriment \times (\times ++) and thus it happens only once and the minimal value for \times is 1.



Question 3

```
int main()
{
    pid_t wpid;
    int status = 0;
    for ( int i=0; i<10; i++ ) {
        if( i % 3 == 0) {
            fork();
        }
    printf("forked\n");
    // wait for all processes
    while ((wpid = wait(&status)) > 0);
    return 0;
}
```

we will have a^{4} =16 times the line forted.



as we have 4 fork() commands for 0,3,6,9