

# Homework 1

Est. Length: 3:00:00

Sharar Mahmood: Attempt 1



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Consider the following C code that calls `fork()`. If you assume that the child process is always scheduled before the parent process, what will be the output?

```
int main()
{
    int i;
    for (i = 0; i < 3; i++) {
        if (fork() == 0) {
            printf("Child sees i = %d\n", i);
            exit(1);
        } else {
            printf("Parent sees i = %d\n", i);
        }
    }
}
```

```
Child sees i = 0
Child sees i = 1
Child sees i = 2
Parent sees i = 2
Child sees i = 2
Parent sees i = 2
Child sees i = 1
Child sees i = 2
Parent sees i = 2
Child sees i = 2
Parent sees i = 2
```