Process Chapter

Assignment 4

WAP to create 3 child process from the same parent

- **Pre- requisites:-**
  - Knowledge about system calls
  - Knowledge about process
  - Working of fork & wait system calls

- **Objective**
  - To understand how to use fork system calls

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Assignment 4

Requirements:-

1. Create 3 child process from the same parent.

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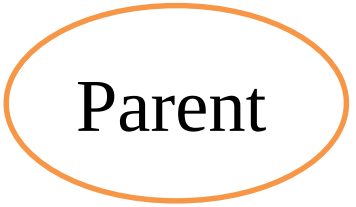

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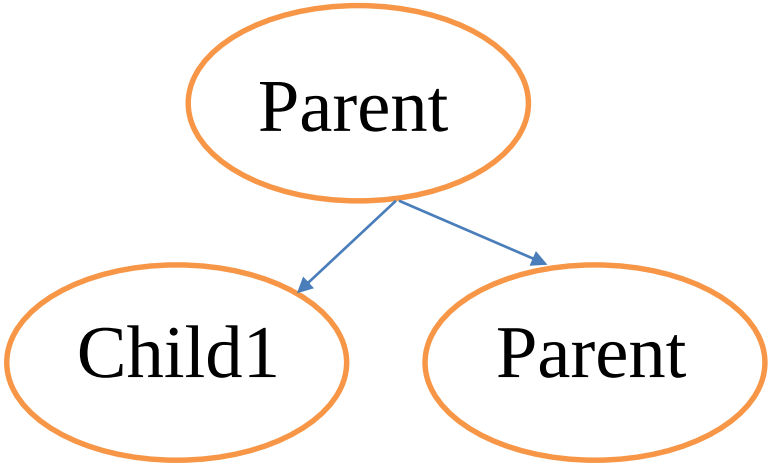

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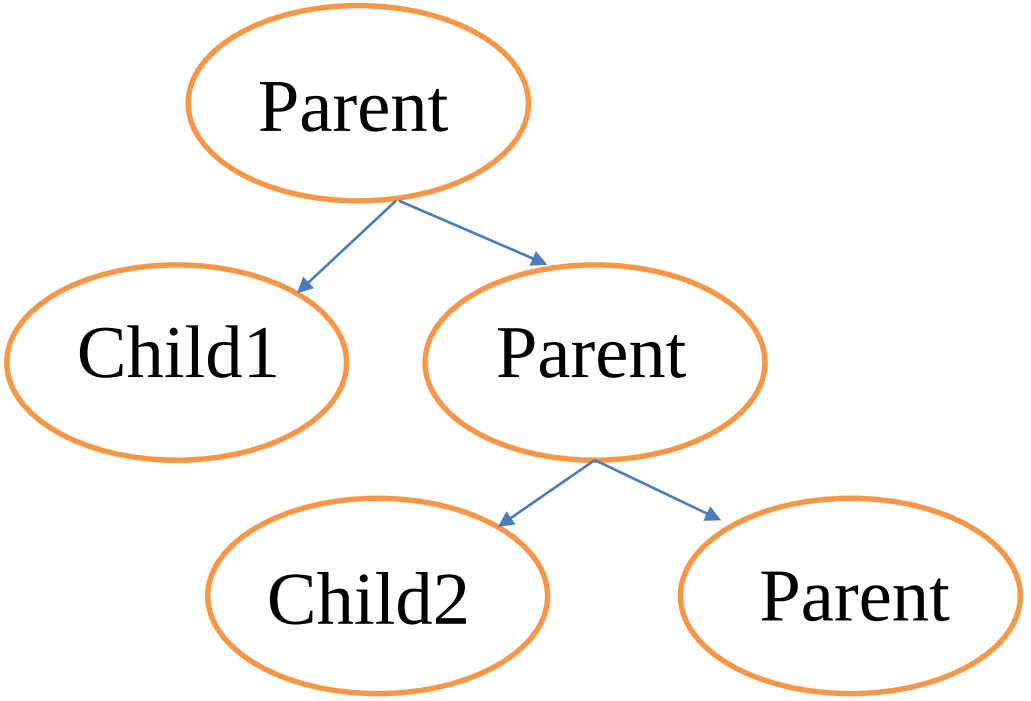

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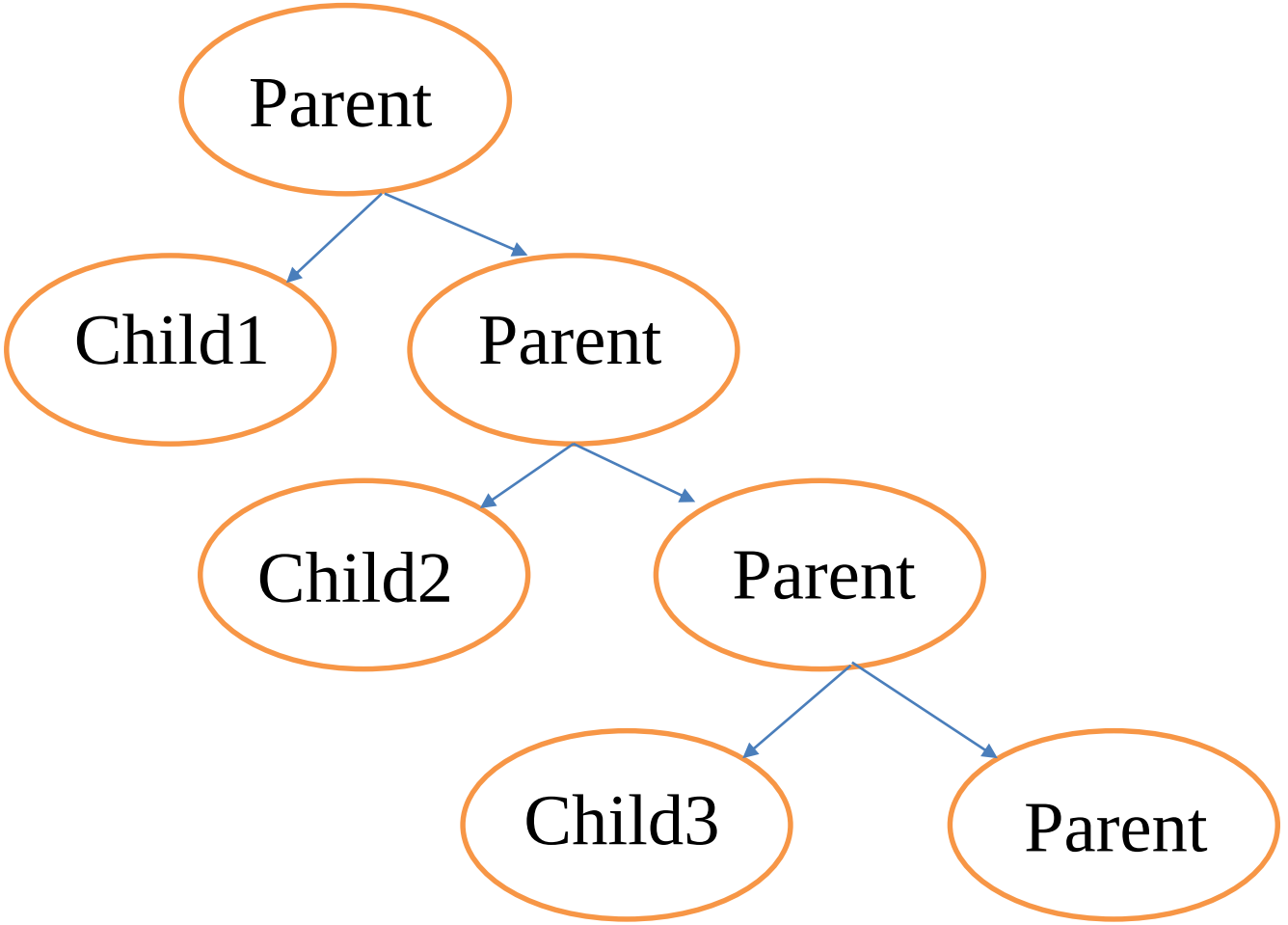

Assignment 4

Requirements:-

2. Parent has to wait for all the three child process.

   Explanation:- Which means parent should not die until all the three child finishes the execution.

3. Print exit status of each child when they terminates

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Assignment 4

Sample output

```
Child1 with pid 2020 created
Child2 with pid 2021 created
Child3 with pid 2022 created
Child 2020 is terminated with code 0
Child 2021 is terminated with code 0
Child 2022 is terminated with code 0
```

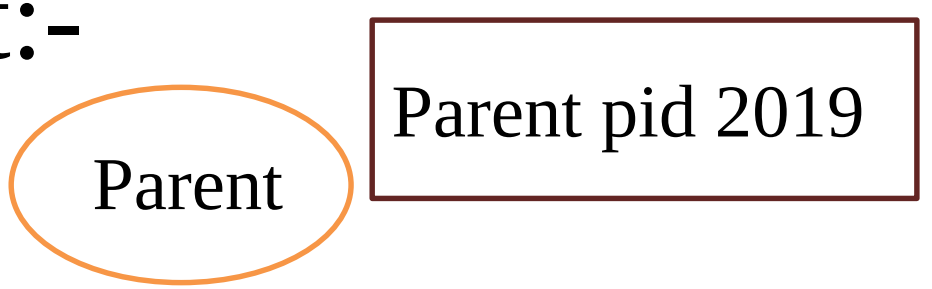
Assignment 4

Sample Output:-

- Creation of Child process

Assignment 4

Sample Output:-



Assignment 4

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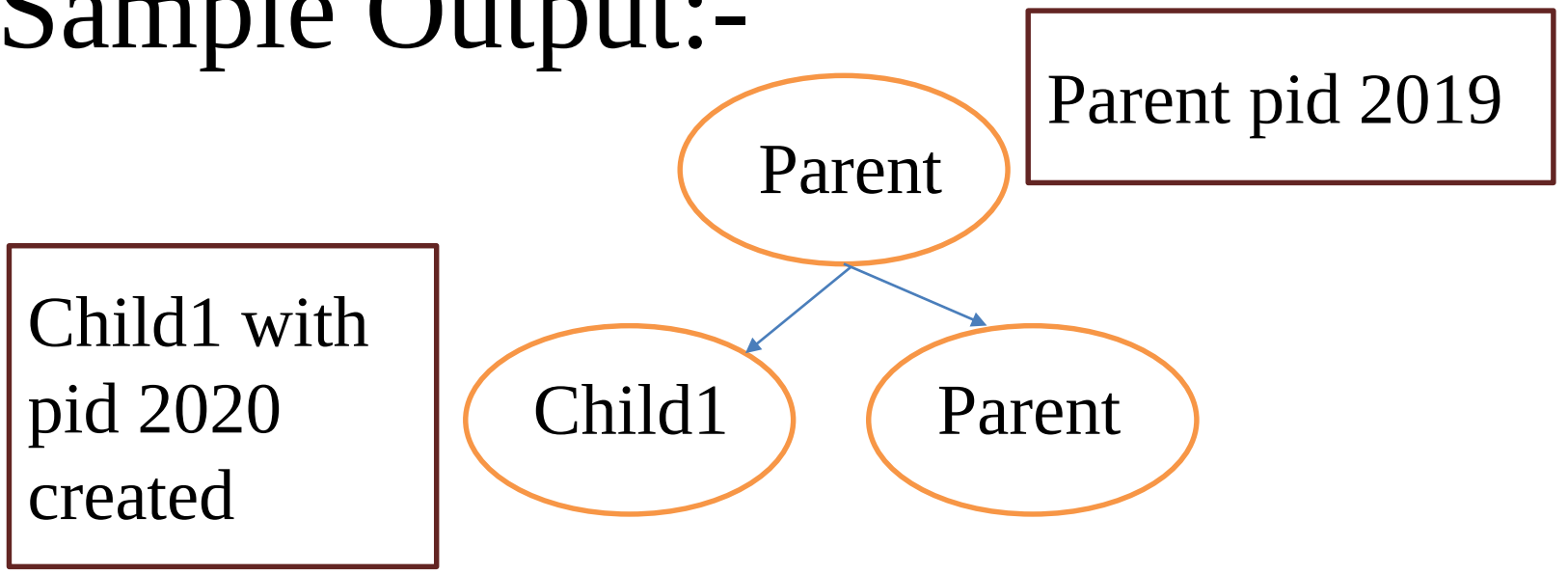

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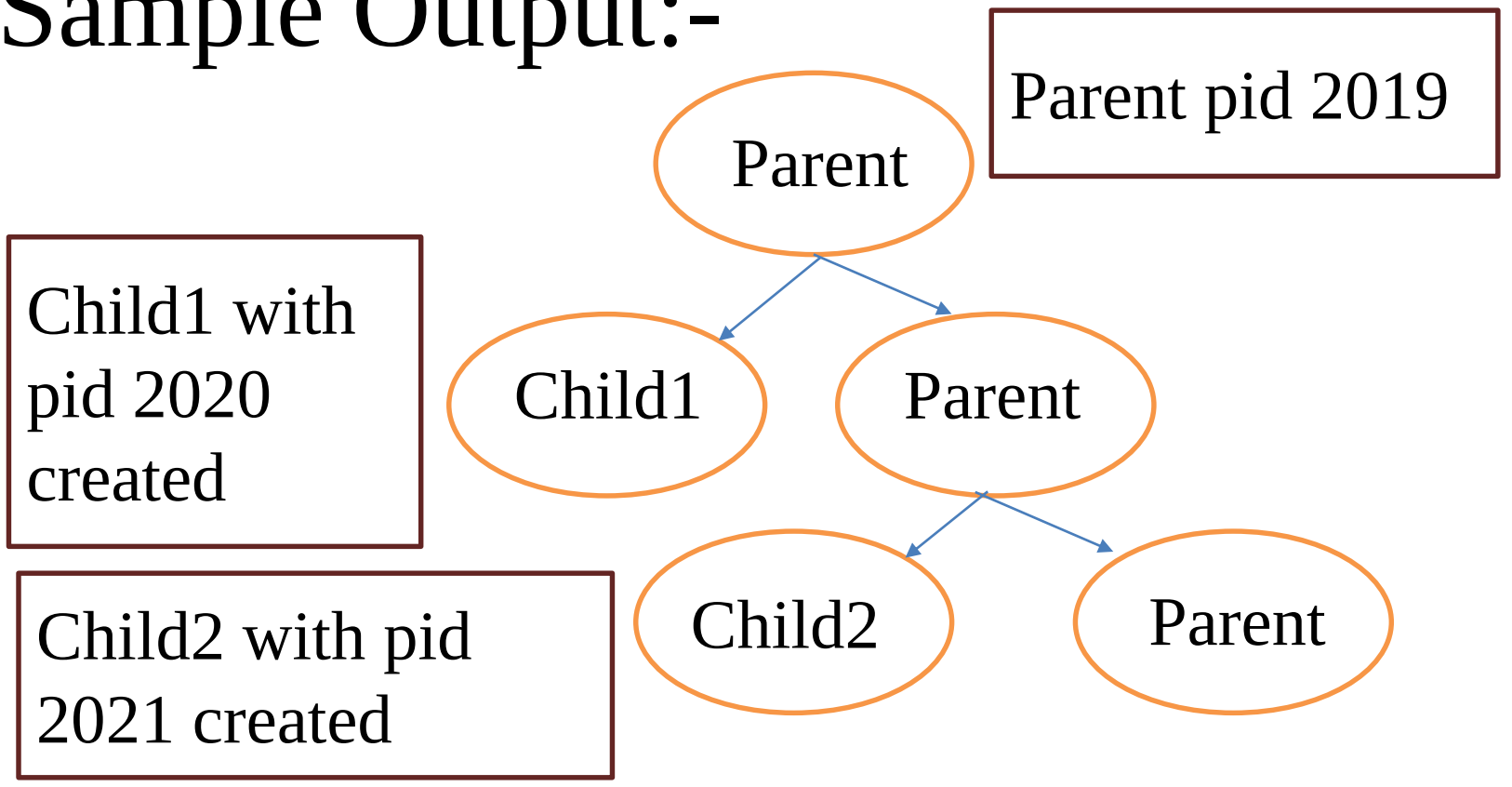

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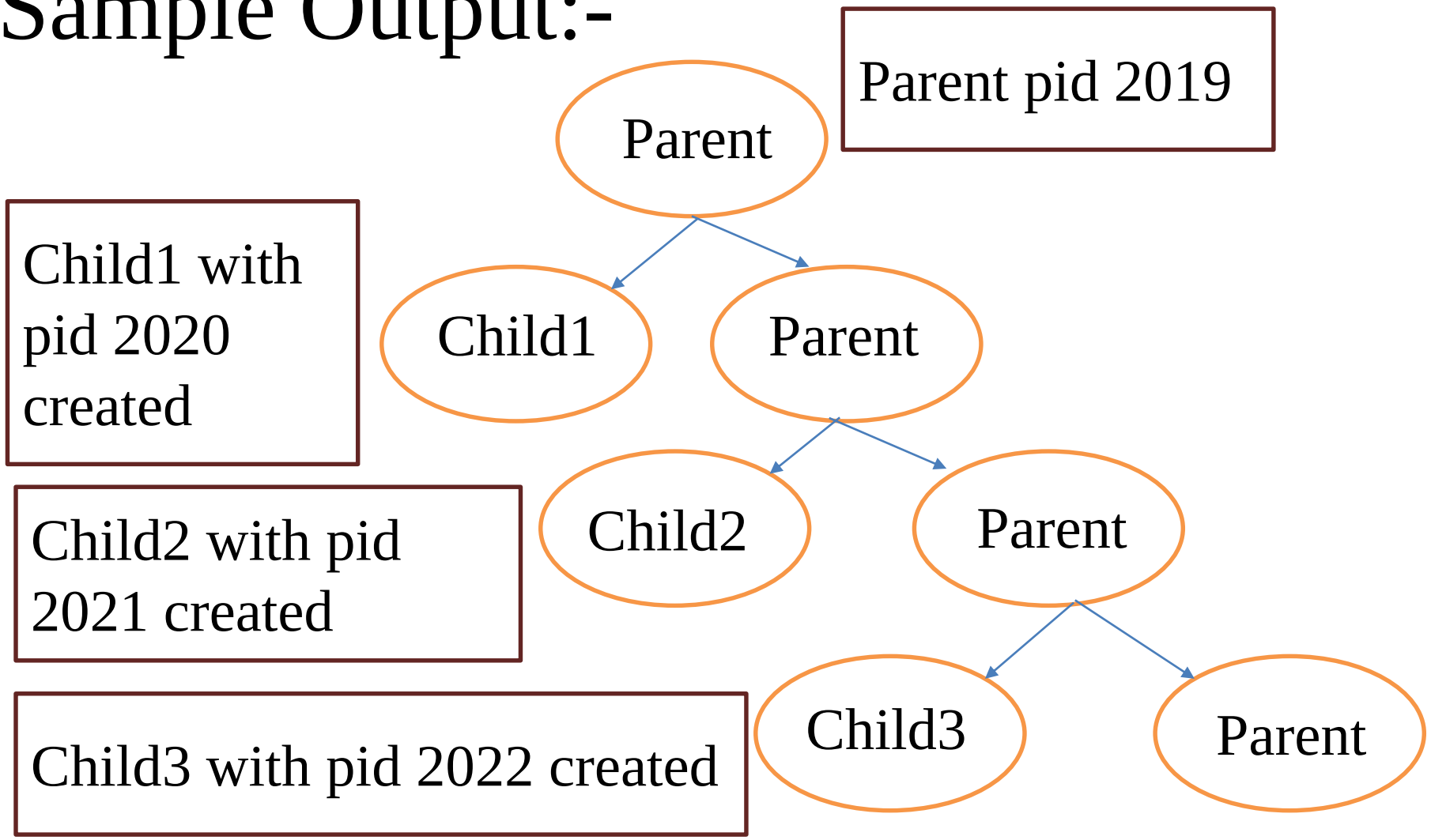
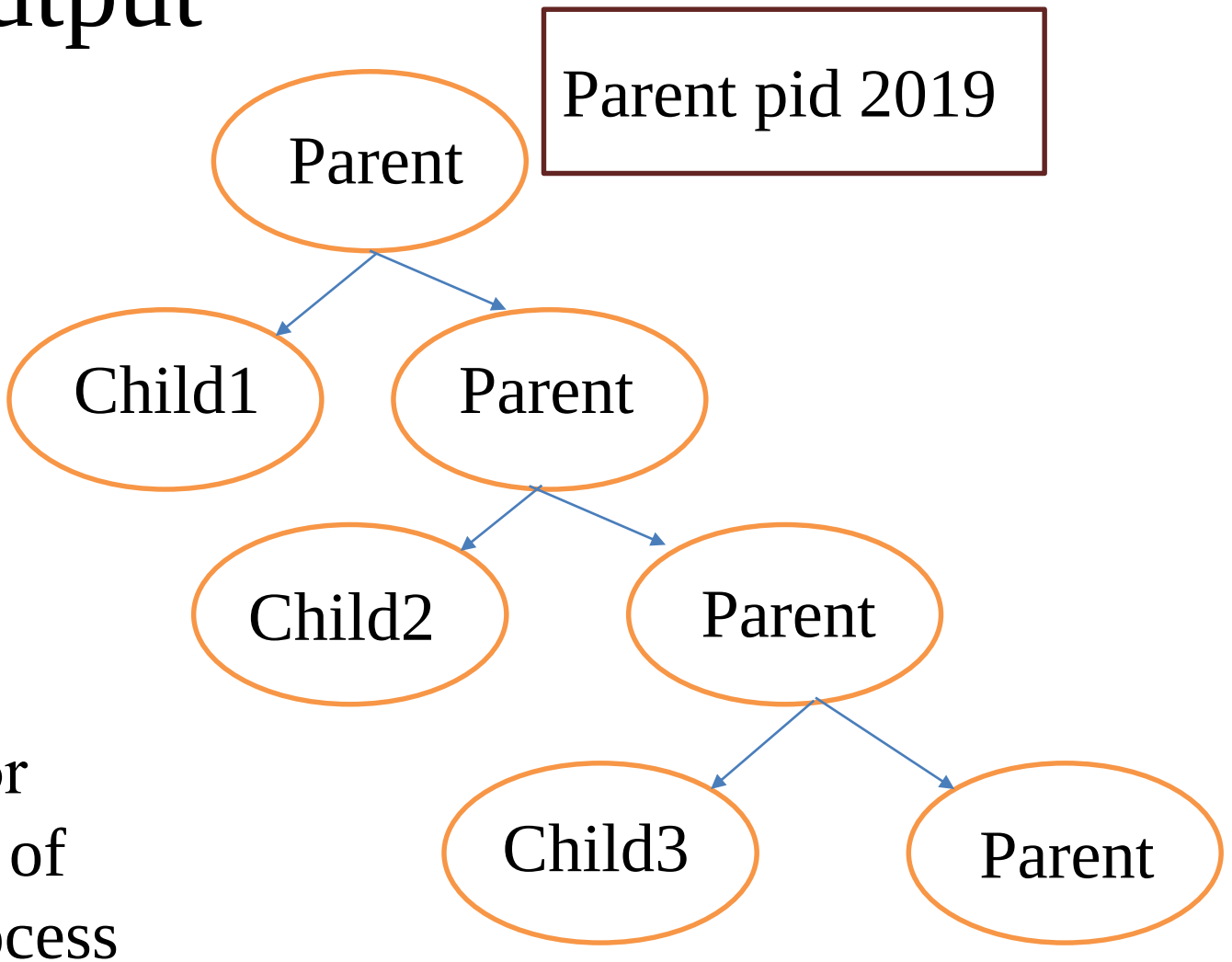


Assignment 4

Sample output



Let’s wait for
Termination of
the child process

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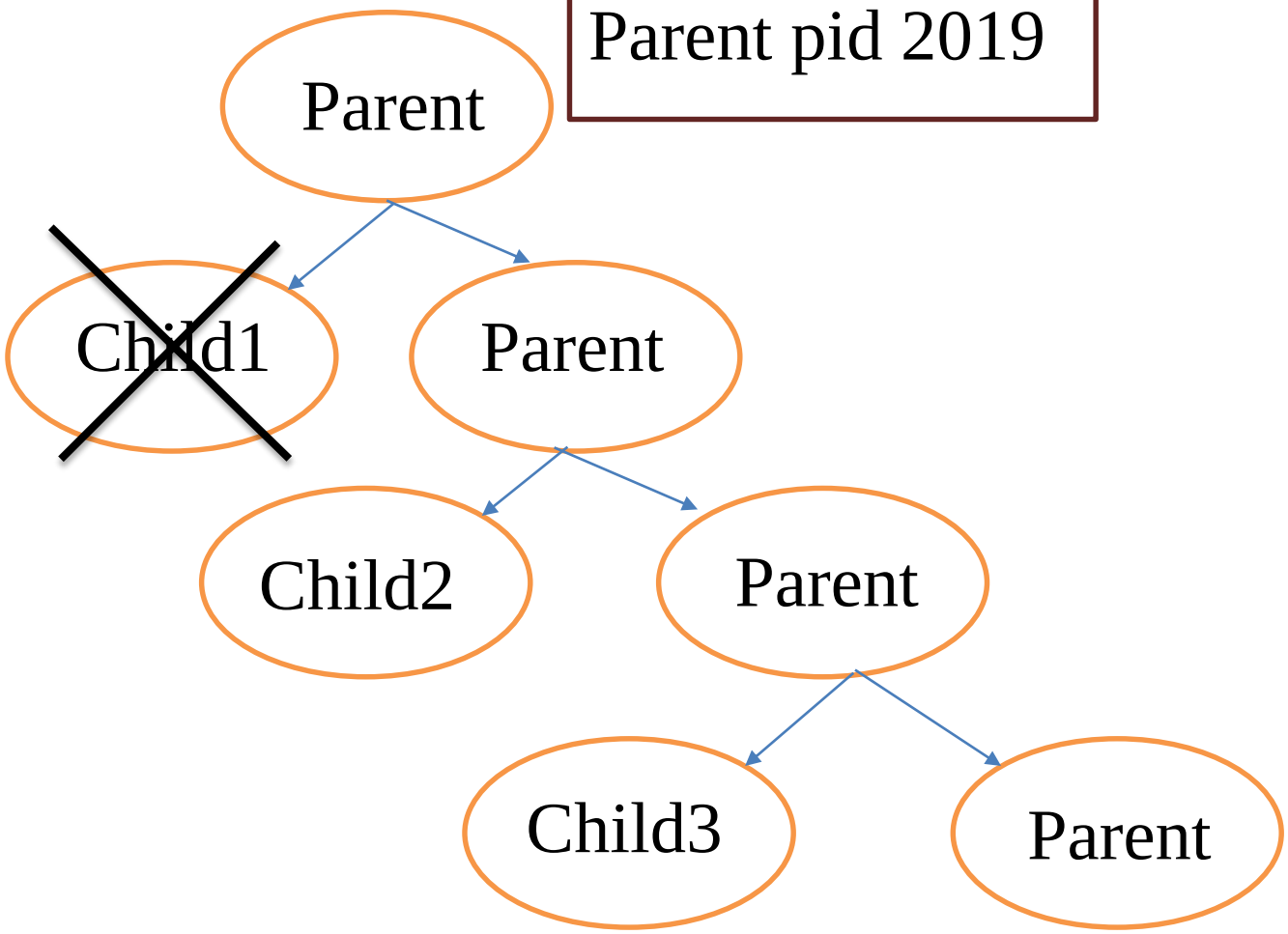
Assignment 4

Sample output

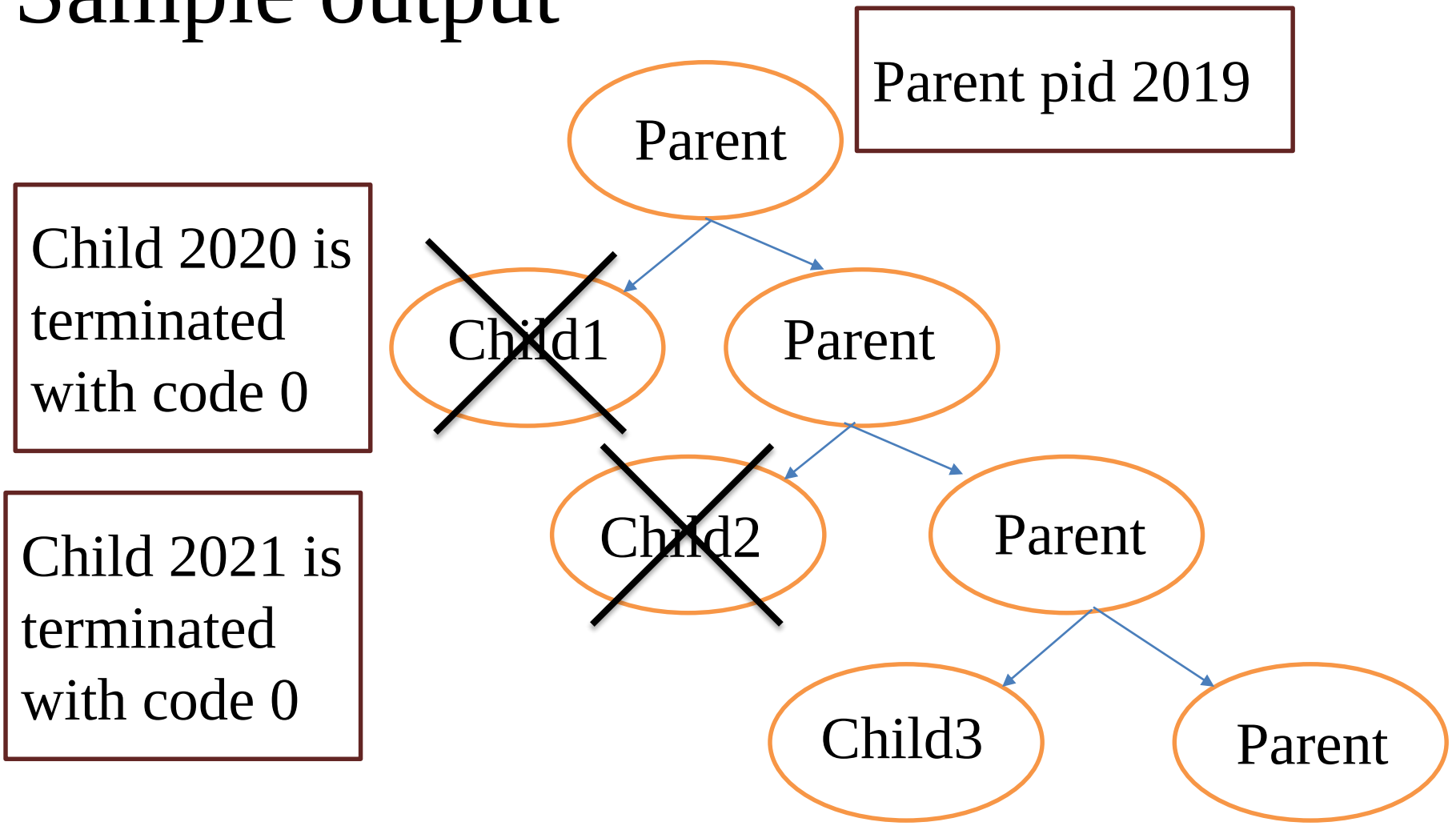
Parent pid 2019

Child 2020 is terminated with code 0



Assignment 4

Sample output



Assignment 4

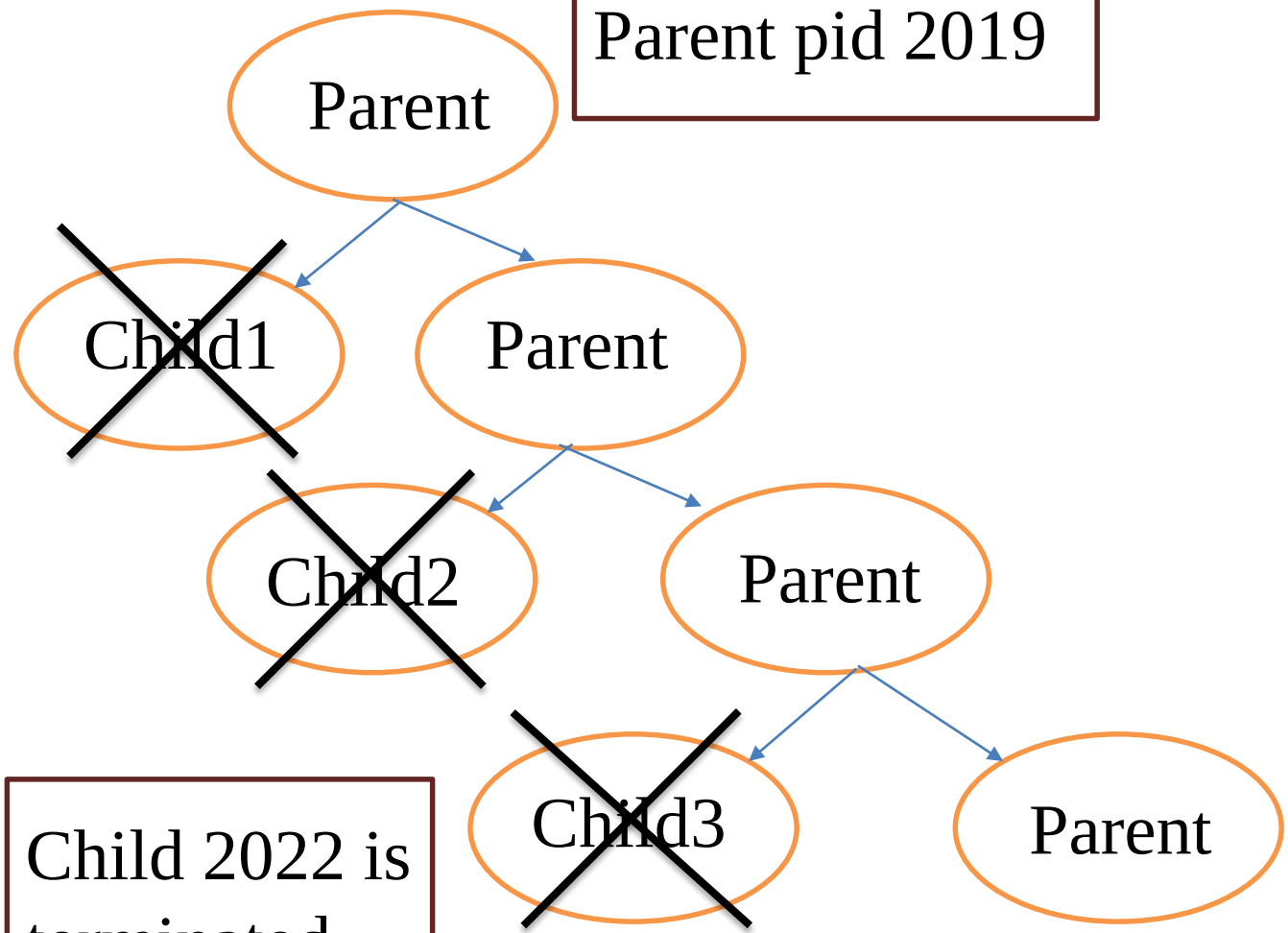
Sample output

Parent pid 2019

Child 2020 is terminated with code 0

Child 2021 is terminated with code 0

Child 2022 is terminated with code 0



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