Q1: Results:

```
Hi, this is Joseph Liao and 20366481
Received from child: Message 1 from child 1
Received from child: Message 1 from child 2
Received from child: Message 1 from child 3
Received from child: Message 2 from child 1
Received from child: Message 2 from child 2
Received from child: Message 2 from child 3
```

Q2: Results:

```
PS C:\Users\josep\Projects\Cisc324-F24> &
C:/Users/josep/AppData/Local/Programs/Python/Python312/python.exe
c:/Users/josep/Projects/Cisc324-F24/Lab2/roundRobinv2.py
time quantum: 29
Process 1 executed for 10 units
Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 5 units

Process ID        Burst Time        Waiting Time        Turnaround Time
1                 10                0                   10
2                 1                 10                  11
3                 2                 11                  13
4                 1                 13                  14
5                 5                 14                  19

Average Waiting Time: 9.6
Average Turnaround Time: 13.4

Execution Order (Process ID, Time Units):
Process 1 executed for 10 units
Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 5 units

context switches: 5

different quantum? (Y): y
time quantum: 2100000
Process 1 executed for 10 units
```

Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 5 units

Process ID	Burst Time	Waiting Time	Turnaround Time
1	10	0	10
2	1	10	11
3	2	11	13
4	1	13	14
5	5	14	19

Average Waiting Time: 9.6
Average Turnaround Time: 13.4

Execution Order (Process ID, Time Units):
Process 1 executed for 10 units
Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 5 units

context switches: 5

different quantum? (Y): y
time quantum: 2
Process 1 executed for 2 units
Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 2 units
Process 1 executed for 2 units
Process 5 executed for 2 units
Process 1 executed for 2 units
Process 5 executed for 1 units
Process 1 executed for 2 units
Process 1 executed for 2 units

Process ID	Burst Time	Waiting Time	Turnaround Time
1	10	9	19
2	1	2	3
3	2	3	5
4	1	5	6

```
5               5                10               15

Average Waiting Time: 5.8
Average Turnaround Time: 9.6

Execution Order (Process ID, Time Units):
Process 1 executed for 2 units
Process 2 executed for 1 units
Process 3 executed for 2 units
Process 4 executed for 1 units
Process 5 executed for 2 units
Process 1 executed for 2 units
Process 5 executed for 2 units
Process 1 executed for 2 units
Process 5 executed for 1 units
Process 1 executed for 2 units
Process 1 executed for 2 units

context switches: 11

different quantum? (Y): n
```