**nullProcess Program Machine Code w/o Comments**

**Written by: Jonathon Ku**

1 66000

2 1

3 0

-1 1

**Program 1 Machine Code w/o Comments**

**Written by: Jonathon Ku**

0 4

1 3

2 150

3 53150

4 0

5 51260

6 150

7 126000

8 4

9 15050

10 0

11 1

12 35060

13 0

14 -1

15 53150

16 0

17 25060

18 2

19 1

20 85000

21 2

22 9

23 126000

24 5

25 0

-1 3

**Program 2 Machine Code w/o Comments**

**Written by: India Ervin**

**Revised by: Jonathon Ku**  
0 8

1 51260

2 10   
3 106000   
4 1094   
5 106000   
6 4206   
7 106000   
8 9197   
9 106000   
10 2813   
11 106000

12 3724   
13 106000   
14 5003   
15 106000   
16 1444   
17 106000   
18 4444   
19 106000   
20 4448   
21 106000   
22 2404   
23 111300   
24 111300   
25 111300   
26 111300   
27 111300   
28 111300   
29 111300   
30 111300   
31 111300   
32 111300   
33 25060   
34 0   
35 1   
36 85000

37 3   
38 0   
-1 1

**Program 3 Machine Code w/o Comments**

**Written by: Gabe Freitas**

**Revised by: Jonathon Ku**

0 5

1 51260

2 9

3 126000

4 4

5 51311

6 126000

7 8

8 53310

9 25060

10 0

11 1

12 85000

13 0

14 6

15 55060

16 0

17 5

18 51311

19 51033

20 126000

21 9

22 25060

23 0

24 1

25 85000

26 0

27 19

28 126000

29 5

30 0

-1 1