

```

[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? 31
  DAY      PAY
=====
1         0.01
2         0.02
3         0.04
4         0.08
5         0.16
6         0.32
7         0.64
8         1.28
9         2.56
10        5.12
11       10.24
12       20.48
13       40.96
14       81.92
15      163.84
16      327.68
17     655.36
18    1310.72
19    2621.44
20    5242.88
21   10485.8
22   20971.5
23   41943
24  83886.1
25  167772
26  335544
27  671089
28  1.34218e+06
29  2.68435e+06
30  5.36871e+06
31  1.07374e+07
=====
You would have earned $2.14748e+07 after 31 days.
[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? 32
Invalid number of days
[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? 15
  DAY      PAY
=====
1         0.01
2         0.02
3         0.04
4         0.08
5         0.16
6         0.32
7         0.64
8         1.28
9         2.56
10        5.12
11       10.24
12       20.48
13       40.96
14       81.92
15      163.84
=====
You would have earned $327.67 after 15 days.
[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? 0
You will not recieve any funds
[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? -2
Invalid number of days
[kianz001@empress cs111]$ ./a.out
How many days do you plan to work? -5
Invalid number of days
[kianz001@empress cs111]$ █

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