

## CSC2402 Assignment 3

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Output Screenshots:

### Question 1

```
PS C:\Users\pcomp\Documents\Uni\Object Oriented Programming\Code\CSC2402_W
g++ -Wall .\Q1main.cpp .\Q1imp.cpp -o .\out1
PS C:\Users\pcomp\Documents\Uni\Object Oriented Programming\Code\CSC2402_W
.\out1

Starting with 27 it took 111 steps. The highest number achieved was 9232.

Starting with 837799 it took 524 steps. The highest number achieved was 29

Starting with 837799 it took 524 steps. The highest number achieved was 2974984576.

Starting with 75128138247 it took 1228 steps. The highest number achieved was 319497287463520.

Starting with 942488749153153 it took 1862 steps. The highest number achieved was 1180174841128253392.
```

## Question 2

## Hourly Employee Pay Report

Employee ID	Name	Pay Per Hour	Hours Worked	Pay for Week
201	Sam	\$35.00	47	\$1767.50
202	Ann	\$27.00	38	\$1026.00
205	James	\$45.00	22	\$990.00
207	Samy	\$34.00	46	\$1666.00
211	Bob	\$19.00	42	\$817.00
212	Bill	\$17.00	19	\$323.00
213	James	\$18.00	22	\$396.00
214	Zoe	\$19.00	45	\$902.50
215	Jill	\$19.90	11	\$218.90
222	Marry	\$20.00	23	\$460.00
213	Sammy	\$21.00	22	\$462.00
214	Eve	\$22.00	45	\$1045.00
215	John	\$21.50	11	\$236.50
316	Herry	\$20.00	19	\$380.00
317	Low	\$23.00	23	\$529.00

Total Pay Bill: \$11219.40  
 Total Tax Payable: \$3702.40

## Salary Employee Pay Report

Employee ID	Name	Salary	Perf Bonus	Pay for Week
103	Joe	\$600.00	\$200.00	\$800.00
104	Jules	\$795.00	\$250.00	\$1045.00
106	Joanna	\$900.00	\$0.00	\$900.00
108	Silvia	\$3400.00	\$1200.00	\$4600.00
109	Chia	\$1200.00	\$600.00	\$1800.00

Total Pay Bill - \$9145.00

## Weekly Top Performers Report

Employee ID	Name	Pay for Week
201	Sam	1767.50
207	Samy	1666.00
214	Eve	1045.00