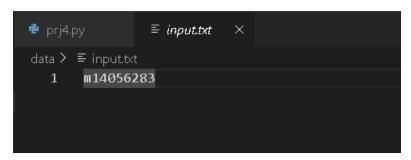
Project 4 Report Muhib Khan

Run: python .\src\prj4.py <difficulty i>

input.txt



target.txt

<u>16</u>

```
PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 16 Solution Nonce: 55796 Solution: 55796 Valid Solution: 1
Runtime: 0.1794438362121582
```

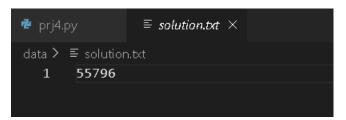
```
prj4.py ≡ solution.txt ×

data > ≡ solution.txt

1 55796
```

<u>17</u>

PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 17 Solution Nonce: 55796 Solution: 55796 Valid Solution: 1 Runtime: 0.23552680015563965



18

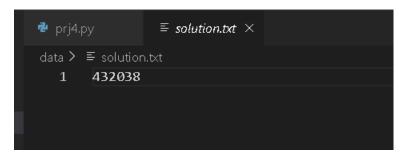
PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 18 Solution Nonce: 55796 Solution: 55796 Valid Solution: 1

```
      data > ≡ solution.txt

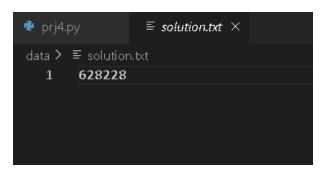
      1
      55796
```

19

PS c:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 19 Solution Nonce: 432038 Solution: 432038 Valid Solution: 1
Runtime: 1.4462132453918457



S C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 20 PS C:\USErs\munib\niebrive -Solution Monce: 628228 Solution: 628228 Valid Solution: 1 Runtime: 2.0758235454559326



<u>21</u>

PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 21 Solution Nonce: 5284191
Valid Solution: 1
Runtime: 17.054751873016357

```
\equiv solution.txt 	imes
1 5284191
```

<u>22</u>

PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 22 PS C:\Users\munib\onebrive Solution Nonce: 7048796 Solution: 7048796 Valid Solution: 1 Runtime: 23.59480357170105

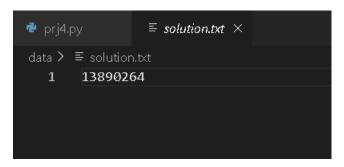
```
prj4.py ≡ solution.txt ×

data > ≡ solution.txt

1 7048796
```

<u>23</u>

PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 23 Solution Nonce: 13890264 Valid Solution: 1
Runtime: 43.72111988067627



<u>24</u>

PS C:\Users\muhib\OneDrive - University of Cincinnati\Desktop\Fall 2023\Data Security\pow_m14056283> python .\src\prj4.py 24 Solution Nonce: 13890264
Solution: 13890264
Valid Solution: 1
Runtime: 43.63257312774658



