

[Advent of Code](#) [\[About\]](#) [\[Events\]](#) [\[Shop\]](#) [\[Settings\]](#) [\[Log Out\]](#) Eesha Pradeep 8★
\$year=2015; [\[Calendar\]](#) [\[AoC++\]](#) [\[Sponsors\]](#) [\[Leaderboard\]](#) [\[Stats\]](#)

--- Day 4: The Ideal Stocking Stuffer ---

Santa needs help `mining` some AdventCoins (very similar to `bitcoins`) to use as gifts for all the economically forward-thinking little girls and boys.

To do this, he needs to find MD5 hashes which, in `hexadecimal`, start with at least five zeroes. The input to the MD5 hash is some secret key (your puzzle input, given below) followed by a number in decimal. To mine AdventCoins, you must find Santa the lowest positive number (no leading zeroes: `1`, `2`, `3`, ...) that produces such a hash.

For example:

- If your secret key is `abcdef`, the answer is `609043`, because the MD5 hash of `abcdef609043` starts with five zeroes (`000001dbbfa...`), and it is the lowest such number to do so.
- If your secret key is `pqrstuv`, the lowest number it combines with to make an MD5 hash starting with five zeroes is `1048970`; that is, the MD5 hash of `pqrstuv1048970` looks like `000006136ef...`.

Your puzzle answer was `282749`.

--- Part Two ---

Now find one that starts with six zeroes.

Your puzzle answer was `9962624`.

Both parts of this puzzle are complete! They provide two gold stars: **

At this point, you should `return to your Advent calendar` and try another puzzle.

Your puzzle input was `yzbqklnj`.

You can also [\[Share\]](#) this puzzle.