# Treasure Hunt

A princess must cross treacherous path to reach a destination to find “*elixir of life*” (*alias* Treasure).

This path consists of ***n*** number of steps (including starting point and treasure) - each having a *sign*. A *sign* is identified by an *integer number*. Depending on the sign number, princess must hop those many steps forward or backward or may become a zombie forever.

Given an input array of signs, can you write a program to find out whether the princess would ever reach her destination?

**Sample scenarios**

|  |  |
| --- | --- |
| **Expected Input**  (An array of numbers) | **Expected Output**  (An array of the step signs if she reaches destination, 0 – if becomes zombie, -1 – if caught in infinite loop) |
| 2, 1, 2, 0, 2, -1, Treasure | 2,2,2, Treasure |
| 2, 4, 3, 0, -1, -1, Treasure | 0 |
| 2, 10, 1, -1, 1, -2, Treasure | -1 |

**Instructions**

* You can create a GitHub project and upload your project artifacts
* You can free to choose your choice of language to implement
* Wherever applicable, please add clear comments to layout your approach