Brief

Nautilus Diving are a pro scuba diving planning company and are looking to implement a tool to show coordinates for dive sites.

When this message “Enter customer surname” is show the user then enters the name of a dive site.

Note, output requires a double quotes are included in the message. To do this use an escape character, back slash “\”, followed by the double quotes, so \” .

An example in a message “ This is how to display double quotes \” ”.

Sites

Input

“Isla Sorna”

Result

Display “Isla Sorna: 8°00'25.1"N 87°00'40.2"W”

For any other inputs

Display “Site not recognised”.

Change Request 1

Add another site:

Input

“Blue hole”

Result

Display “Blue hole: 28°34'22.7"N 34°32'14.8"E”

Change Request 2

Add another site:

Input

“Cenote Angelita”

Result

Display “Cenote Angelita: 20°08'16.0"N 87°34'39.9"W”

Change Request 3

Add another site:

Input

“Raja Ampat”

Result

Display “Raja Ampat: 0°33'26.5"S 130°40'36.5"E”

Change Request 4

There a more than two sites in Loch Long: Conger Alley and The caves.

Site coordinates

Conger Alley 56°11'29.8"N 4°46'39.4"W

The caves 56°10'48.3"N 4°46'28.4"W

Example:

Input “Loch Long”

Display

“There are multiple sites at Loch Long, please enter the one you wish to see more info for:

Conger Alley

The caves

”

Input “Conger Alley”

Display:

“Blue hole: 56°11'29.8"N 4°46'39.4"W”

Do the same for The caves dive site