

- Walk xx steps

Where xx is an integer.

Refer Examples for exact specification.

Example

Input:

3

```

  ^
 / \
/   \

```

Output:

Total Walk Distance = 6

Up 3 steps

Down 3 steps

Input:

2

```

  _____
 /     V     \

```

Output:

Total Walk Distance = 12

Up 1 steps

Walk 5 steps

Down 1 steps

Up 1 steps

Walk 3 steps

Down 1 steps

Input:

5

```

  ^-----^
 /       \
/         \
/           \
/             \

```

Output:

Total Walk Distance = 16

Up 4 steps

Down 1 steps

Walk 2 steps

Up 1 steps

Walk 1 steps

Down 3 steps

Up 1 steps

Down 1 steps

Walk 1 steps

Down 1 steps

