PALINDROME ALGORITHM

[A palindrome algorithm is an algorithm that **checks if a string is a palindrome**](https://www.bing.com/ck/a?!&&p=144763cb8b68773eJmltdHM9MTcxNjg1NDQwMCZpZ3VpZD0yZWQ4ZDdkOS1lZDM1LTYyNGUtMzEzNi1jNDdiZWM1NzYzZTAmaW5zaWQ9NTgxNg&ptn=3&ver=2&hsh=3&fclid=2ed8d7d9-ed35-624e-3136-c47bec5763e0&psq=algorithm+palindrome&u=a1aHR0cHM6Ly93d3cuZWR1Y2F0aXZlLmlvL2Jsb2cvYWxnb3JpdGhtcy0xMDEtY2hlY2stc3RyaW5nLXBhbGluZHJvbWU&ntb=1)[1](https://www.bing.com/ck/a?!&&p=fd2ff633417b2b78JmltdHM9MTcxNjg1NDQwMCZpZ3VpZD0yZWQ4ZDdkOS1lZDM1LTYyNGUtMzEzNi1jNDdiZWM1NzYzZTAmaW5zaWQ9NTgxNw&ptn=3&ver=2&hsh=3&fclid=2ed8d7d9-ed35-624e-3136-c47bec5763e0&psq=algorithm+palindrome&u=a1aHR0cHM6Ly93d3cuZWR1Y2F0aXZlLmlvL2Jsb2cvYWxnb3JpdGhtcy0xMDEtY2hlY2stc3RyaW5nLXBhbGluZHJvbWU&ntb=1). [A palindrome is a word or phrase that reads the same backward and forward, ignoring capitalization, punctuation, and word boundaries](https://www.bing.com/ck/a?!&&p=96894be27783e810JmltdHM9MTcxNjg1NDQwMCZpZ3VpZD0yZWQ4ZDdkOS1lZDM1LTYyNGUtMzEzNi1jNDdiZWM1NzYzZTAmaW5zaWQ9NTgxOA&ptn=3&ver=2&hsh=3&fclid=2ed8d7d9-ed35-624e-3136-c47bec5763e0&psq=algorithm+palindrome&u=a1aHR0cHM6Ly93d3cuZWR1Y2F0aXZlLmlvL2Jsb2cvYWxnb3JpdGhtcy0xMDEtY2hlY2stc3RyaW5nLXBhbGluZHJvbWU&ntb=1)[1](https://www.bing.com/ck/a?!&&p=55fd20f744054154JmltdHM9MTcxNjg1NDQwMCZpZ3VpZD0yZWQ4ZDdkOS1lZDM1LTYyNGUtMzEzNi1jNDdiZWM1NzYzZTAmaW5zaWQ9NTgxOQ&ptn=3&ver=2&hsh=3&fclid=2ed8d7d9-ed35-624e-3136-c47bec5763e0&psq=algorithm+palindrome&u=a1aHR0cHM6Ly93d3cuZWR1Y2F0aXZlLmlvL2Jsb2cvYWxnb3JpdGhtcy0xMDEtY2hlY2stc3RyaW5nLXBhbGluZHJvbWU&ntb=1).

ALGORITHM

START.

Take input from the user or initialize it manually (string).

Check if the length is equal to zero or one. Print it is a palindrome.

Check each character in substring from the front and rear; if found, equal. Print it is a palindrome.

If steps 3 and 4 fail. ...

END.