Competitive Programming (Python Code)

print("Palindrome Detector")

#using 'try' function to handle exceptions in case of ValueErrors

try:

#limit the input to integers and assign its value to variable 'n'

n=int(input("Enter a number here."))

#slicing the int 'n' by making it a str first. Using ‘palindrome’ word as a variable for the value of palindrome of ‘n’

palindrome=str(n)[::-1]

#using Conditionals 'if' and 'else' to get the desired output.

if palindrome==str(n):

print("True")

print("Explanation: as the palindrome of the number is" , palindrome + ".")

else:

print("False")

print ("Explanation: as the palindrome of the number is" , palindrome + ".")

#to handle the exception

except ValueError:

print ("Invalid input. Please enter a number here.")