

Northern Michigan University (Marquette Co, MI)

CS345-01-25W: Android Programming (Andrew A. Poe)
Quiz 10

Name: _____
Friday 18 April 2025 4:00 P.M. EDT

Time: 15 minutes

Write the Kotlin code that will open the webfile ("http://philos.nmu.edu/strangestuff.txt"), determine whether the number of left parentheses matches the number of right parentheses in that file, and display "YES" or "NO" on a TextView named Paren. You don't have to check whether the parentheses are balanced, only if there are an equal number of left and right parentheses.

```
val obj = URL("http://philos.nmu.edu/strangestuff.txt")
val con = obj.openConnection() as HttpURLConnection
con.requestMethod = "GET"
var website =
    BufferedReader(InputStreamReader(con.inputStream))
var p = 0
while (true) {
    val c = website.read()
    if (c == -1) break
    if ((char)c=='(') p++
    if ((char)c==')') p--
}
website.close()
if (p==0) Paren!!.text = "YES"
else Paren!!.text = "NO"
```