Lecture 02 Exercises

CS 51P – Fall 2019

Write a program that asks the user for a word and a positive integer and then writes the word that number of times with an exclamation point and a space in between.

word:

 happy

positive integer:

 3

happy! happy! happy!

After executing each snippet of code, the variable val stores a value of type bool. What value does it store?

A) val = (5 > 0 and 5 < 10)

B) n = 25

 val = (n % 2 == 0 or n % 3 == 0)

C) s = "string"

 val = ("string" != s)

D) val = (True and False)

Consider the following program:

x = int(input("pos int?\n\t"))

if x == 13:

 print("mine too!")

else:

 if x > 30 or x < 10:

 print("mine is 13")

 else:

 if x == 19:

 print("19!")

 else:

 print("?")

print("!")

Convert this program to a program with the same behavior that doesn’t use nested if-statements.