CSE 121 – Lesson 10

Miya Natsuhara

Autumn 2023

Music: 121 23au Lecture Tunes 🌧️

sli.do #cse121

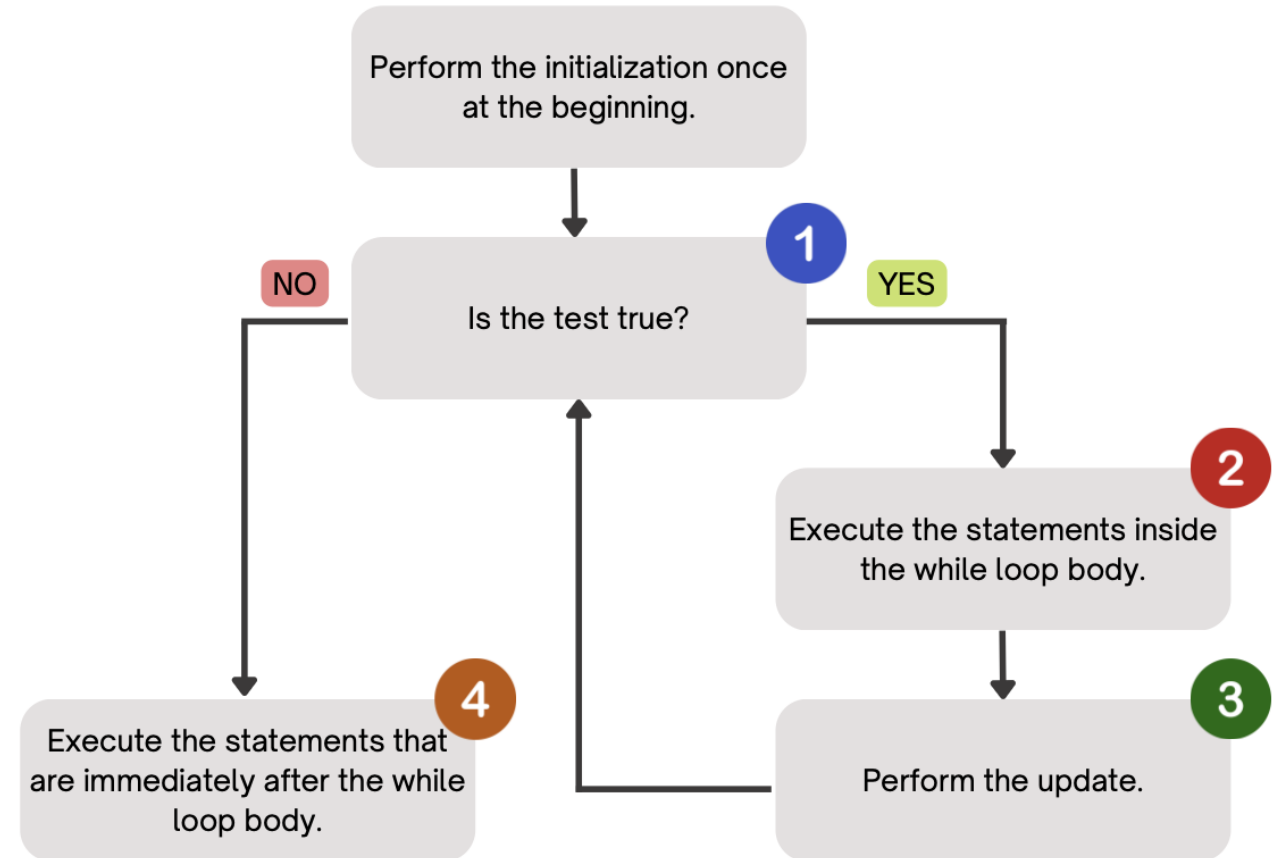| TAs:	Trey	Christina	Sahej	Vinay	Kriti
	Sebastian	Colton	Anju	Maria	Minh
	Annie	Janvi	Jonus	Shreya	Vivian
	Jasmine	Arkita	Lydia	Andy	Nicole
	Christian	Vidhi	Luke	Nicolas	Simon
	Lucas	Ritesh	Andras	Shayna	Jessie
	Logan	Hibbah	Archit	Hannah	Lydia
	Jacob	Julia	Ayesha	Aishah	Yijia

Announcements, Reminders

- Quiz 1 tomorrow (Nov 2) in your registered quiz section
  - Nested for loops, Random, Math, Methods, Parameters, Returns
- Beak week coming up! (No homework assignment released today)

(PCM) While Loops

while (test) {
    body (statements to be repeated)
}

Repeatedly executes its body
as long as its logical test is true.

Poll in with your answer!

How would you describe what the variable x calculates?

```java
int roll = -1; // priming the loop
int x = -1;
while (roll != lucky) {
    roll = rand.nextInt(sides) + 1;
    if (x < roll) {
        x = roll;
    }
}
System.out.println(roll + ": It's my lucky number!!!!!!!");
```

A. The largest value rolled

B. The smallest value rolled

C. The last value rolled

D. The first value rolled

E. The sum of all values rolled

F. Error

G. -1