CSE 121 – Lesson 10
Miya Natsuhara
Autumn 2023

Music: 121 23au Lecture Tunes 🐐

TAs:  Trey  Christina  Sahej  Vinay  Kriti
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  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