Administrative stuff

- If the folks that manage the computer systems have to apply patches, they do so on Friday evenings. The systems usually do not come back up reliably until 8-10pm, so the grading servers are started in the time frame if I am available.

Which line successfully creates a Scanner object to read from the keyboard?

Please select the single correct answer.
A. Scanner scan;
B. Scanner scan = new Scanner();
C. Scanner scan = new Scanner("keyboard");
D. Scanner scan = new Scanner(System);
E. Scanner scan = new Scanner(System.in);

Which line successfully reads an integer from the keyboard into the declared variable?

int myInteger;
Scanner scan = new Scanner(System.in);
A. myInteger = scan.next();
B. myInteger = scan.nextInt();
C. myInteger = scan.nextLong();
D. myInteger = nextInt();
E. None of the above

On to the lecture!
What is the value of the declared boolean after execution of the following code?

```java
boolean canDrive;
int age = 16;
if (age > 16)
    canDrive = true;
System.out.println(canDrive);
```

A. false  
B. true  
C. Will not compile!

---

What is the value of the declared boolean after execution of the following code?

```java
boolean canDrive;
int age = 16;
if (age > 16)
    canDrive = true;
System.out.println(canDrive);
```

A. false  
B. true  
C. Will not compile!

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What is the value of the declared boolean after execution of the following code?

```java
int i = 100, j = 200, k = 300;
boolean myBoolean;
if (i <= j <= k)
    myBoolean = true;
else
    myBoolean = false;
```

A. false  
B. true  
C. Will not compile!

---

What is the value of the declared boolean after execution of the following code?

```java
int i = 100, j = 200, k = 300;
boolean myBoolean;
if (i <= j <= k)
    myBoolean = true;
else
    myBoolean = false;
```

A. false  
B. true  
C. Will not compile!

---

Are the first and second code segments shown below identical?

// First code segment
if (even == true)
    System.out.println("It is even.");
// Second code segment
if (even)
    System.out.println("It is even.");

A. Yes  
B. No  
C. Depends on the boolean

---

Are the first and second code segments shown below identical?

// First code segment
if (even == true)
    System.out.println("It is even.");
// Second code segment
if (even)
    System.out.println("It is even.");

A. Yes  
B. No  
C. Depends on the boolean