



Peer Instruction 3

Characters, Strings



0



Which code correctly finds the index of the first instance of myChar in myString?

```
char myChar = 'a';
String myString = "Java";
```

- A. myString.charAt(myChar);
- B. myString.indexOf(myChar);
- C. myString.indexOf(myChar);
- D. None of the above

String myChar



cs63764, Peer 3 - Math/Characters/Strings - Fall Semester 2016

Question - 1



1



Which code correctly finds the index of the first instance of myChar in myString?

```
char myChar = 'a';
String myString = "Java";
```

- A. myString.charAt(myChar);
- B. myString.indexOf(myChar);
- C. myString.indexOf(myChar);
- D. None of the above

String myChar



cs63764, Peer 3 - Math/Characters/Strings - Fall Semester 2016

Question - 2



2



What will the code shown below print to the console?

```
String s = "Java is fun";
char c = 's';
System.out.println(s.length() + " " + s.charAt(2) + " " + s.indexOf(c));
```

- A. 10 v 1, 3
- B. 11 v 6
- C. 12 v 6
- D. 11 v 7

String myChar



cs63764, Peer 3 - Math/Characters/Strings - Fall Semester 2016

Question - 3



3



What will the code shown below print to the console?

```
String s = "Java is fun";
char c = 's';
System.out.println(s.length() + " " + s.charAt(2) + " " + s.indexOf(c));
```

- A. 10 v 13
- B. 11 v 16
- C. 12 v 6
- D. 11 v 7

String myChar



cs63764, Peer 3 - Math/Characters/Strings - Fall Semester 2016

Question - 4



4



What will the code shown below print to the console?

```
String s = "Computer science is okay!";
System.out.println(s.substr(0, 16) + " " +
    s.charAt(7) + s.charAt(20) + s.charAt(10) +
    s.charAt(21) + s.charAt(9) + s.charAt(s.length()-1));
```

- A. "Computerscience okay!"
- B. "Computerscience ersoy!"
- C. "Computer science rocks!"
- D. None of the above

String myChar



cs63764, Peer 3 - Math/Characters/Strings - Fall Semester 2016

Question - 5



5



What will the code shown below print to the console?

```
String s = "Computer science is okay!";
System.out.println(s.substr(0, 16) + " " +
    s.charAt(7) + s.charAt(20) + s.charAt(10) +
    s.charAt(21) + s.charAt(9) + s.charAt(s.length()-1));
```

- A. "Computerscience okay!"
- B. "Computer science ersoy!"
- C. **"Computer science rocks!"**
- D. None of the above

String substring



cs16j64, Peer 3 - Math/Character/Strings - Fall Semester 2016

Question - 6



6



What will the code shown below print to the console?

```
System.out.println(Character.isDigit('A') + ", " +
    Character.isLetter('z') + ", " +
    Character.isLowerCase('&') + ", " +
    Character.isLetter("5A%".charAt(1)));
```

- A. true,false,true,false
- B. false,true,false,true
- C. false,true,false,false
- D. false,true,true,true

Character.isLetter



cs16j64, Peer 3 - Math/Character/Strings - Fall Semester 2016

Question - 7



7



What will the code shown below print to the console?

```
System.out.println(Character.isDigit('A') + ", " +
    Character.isLetter('z') + ", " +
    Character.isLowerCase('&') + ", " +
    Character.isLetter("5A%".charAt(1)));
```

- A. true,false,true,false
- B. **false,true,false,true**
- C. false,true,false,false
- D. false,true,true,true

Character.isLetter



cs16j64, Peer 3 - Math/Character/Strings - Fall Semester 2016

Question - 8



8



What are the values of the double and integer after the code shown below executes?

```
String myString = "1.234";
double myDouble = Double.parseDouble(myString);
int myInteger = Integer.parseInt(myString);
```

- A. 1.234, 0
- B. 1.234, 1
- C. 1.234, 2
- D. Program gets an exception!

String



cs16j64, Peer 3 - Math/Character/Strings - Fall Semester 2016

Question - 9



9



What are the values of the double and integer after the code shown below executes?

```
String myString = "1.234";
double myDouble = Double.parseDouble(myString);
int myInteger = Integer.parseInt(myString);
```

- A. 1.234, 0
- B. 1.234, 1
- C. 1.234, 2
- D. **Program gets an exception!**

String



cs16j64, Peer 3 - Math/Character/Strings - Fall Semester 2016

Question - 10



10