



Java Quiz: Chapter 6

Guidelines: Answer the questions below by ticking the box next to the correct response(s) to each question. Be sure to check your answers to ensure that they are correct.

1. What would be the output of this statement?

```
int points = 15;
int years = 3;
if(years > 2 && points >= 12){
    if(points < 15){
        System.out.println("You are banned for 3 years");
    }else{
        System.out.println("You are banned for 4 years");
    }
}else if(years <= 2 && points >= 6){
    if(points < 12){
        System.out.println("You are disqualified");
    }else{
        System.out.println("You are banned for 1 year");
    }
}
```

Choose one answer.

- ☐ A. You are banned for 3 years
- ☒ B. **You are banned for 4 years**
- ☐ C. You are banned for 1 year
- ☐ D. You are disqualified

2. What would be the output of this statement?

```
int points = 10;
int years = 2;
if(years > 2 && points >= 12){
    if(points < 15){
        System.out.println("You are banned for 3 years");
    }else{
        System.out.println("You are banned for 4 years");
    }
}else if(years <= 2 && points >= 6){
    if(points < 12){
        System.out.println("You are disqualified");
    }else{
        System.out.println("You are banned for 1 year");
    }
}
```

Choose one answer.

- ☐ A. You are banned for 3 years
- ☐ B. You are banned for 4 years
- ☐ C. You are banned for 1 year
- ☒ D. **You are disqualified**

3. What would be the output of this statement?

```
String x = "learning";  
System.out.println(x.charAt(2));
```

Choose one answer.

- ☐ A. e
- ☒ B. a
- ☐ C. r
- ☐ D. n

4. What would be the output of this statement?

```
String x = "learning";  
System.out.println(x.substring(2,5));
```

Choose one answer.

- ☐ A. earn
- ☐ B. earning
- ☐ C. arning
- ☒ D. **arn**

5. What would be the output of this statement?

```
String x = "learning";  
System.out.println(x.replace("ea", "EA"));
```

Choose one answer.

- ☐ A. EA
- ☐ B. leaEArning
- ☒ C. **lEArning**
- ☐ D. LeaRNING

6. What would be the output of this statement?

```
String x = "learning";  
System.out.println(x.contains("ern"));
```

Choose one answer.

- ☐ A. true
- ☒ B. **false**
- ☐ C. earn
- ☐ D. learning

7. What would be the output of this statement?

```
String x = "learning";  
System.out.println(x.length());
```

Choose one answer.

- ☐ A. 7
- ☒ B. **8**
- ☐ C. true
- ☐ D. false

8. What would be the output of this statement?

```
String x = "learning - is - fun";  
String[] y = x.split("-");  
System.out.print(y[1]);  
System.out.print(y[2]);
```

Choose one answer.

- ☐ A. learning
- ☐ B. learning is
- ☐ C. learning is fun
- ☒ D. is fun

9. When working with strings, what is the purpose of the `\t` command?

Choose one answer.

- ☐ A. trim
- ☐ B. true
- ☒ C. tab
- ☐ D. trail

10. What would be the output of this statement?

```
Date date = new Date(93,1,2,23,10);  
SimpleDateFormat ft = new SimpleDateFormat ("yyyy-MM-dd");  
System.out.println(ft.format(date));
```

Choose one answer.

- ☒ A. 1993-02-02
- ☐ B. 1993-01-02
- ☐ C. 93-01-02
- ☐ D. 1993-1-2