Midterm 1 Review

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What will be printed?

What is printed after the following code is executed?

```
1   public static void main(String[] args) {
2       String s = "Is this the real life?";
3       change(s);
4       System.out.println(s);
5   }
6   public static String change(String s) {
7       s = "Is this just fantasy?";
8       return s;
9   }
```

1. Is this the real life?
2. Is this just fantasy?
3. s
4. Error

What will be printed?

What is printed after the following code is executed?

```
1   public static void main(String[] args) {
2       String s = "Is this the real life?";
3       change(s);
4       System.out.println(s);
5   }
6   public static String change(String s) {
7       s = "Is this just fantasy?";
8       return s;
9   }
```

1. **Is this the real life?**

2. Is this just fantasy?

3. s

4. Error

What will be printed?

What is printed after the following code is executed?

```
1  public static void main(String[] args) {
2      int[] arr = {1, 2, 3};
3      change(arr);
4      System.out.println(arr[0]);
5  }
6  public static void change(int[] i) {
7      i[0] = 5;
8      i = null;
9  }
```

1. 1

2. 5

3. null

4. error

What will be printed?

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```
1  public static void main(String[] args) {
2      int[] arr = {1, 2, 3};
3      change(arr);
4      System.out.println(arr[0]);
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6  public static void change(int[] i) {
7      i[0] = 5;
8      i = null;
9  }
```

1. 1

2. **5**

3. null

4. error

What will be printed?

What is printed after the following code is executed?

```
1    public static void main(String[] args) {
2        int herp = 4;
3        int derp = 6;
4        herp = derp;
5        herp = herp + 1;
6        System.out.println(derp);
7    }
```

1. 4

2. 6

3. 5

4. 7

What will be printed?

What is printed after the following code is executed?

```
1  public static void main(String[] args) {
2      int herp = 4;
3      int derp = 6;
4      herp = derp;
5      herp = herp + 1;
6      System.out.println(derp);
7  }
```

1. 4

2. **6**

3. 5

4. 7

What will be printed?

What is printed after the following code is executed

```
1   public static void main(String[] args) {
2       String x = "Caught in a landslide,";
3       String y = "No escape from reality";
4       String z = x;
5       x = y;
6       System.out.println(z);
7   }
```

1. Caught in a landslide,
2. No escape from reality
3. null
4. Error

What will be printed?

What is printed after the following code is executed

```
1   public static void main(String[] args) {
2       String x = "Caught in a landslide,";
3       String y = "No escape from reality";
4       String z = x;
5       x = y;
6       System.out.println(z);
7   }
```

1. Caught in a landslide,

2. **No escape from reality**

3. null

4. Error