

Strings

Workbook

Answer the following

1. What would be the output for the below code, when executed? java
SampleCodeA "Programming Language"

```

1  class SampleCodeA {
2      public static void main(String[] args) {
3          String str = args[0];
4          System.out.println(str.length());
5      }
6  }
```

2. What would be the output for the below code?

```

1  class SampleCodeB {
2      public static void main(String[] args) {
3          String str = "Hello World";
4          for (int i = 0; i < str.length(); i += 2) {
5              System.out.print(str.charAt(i));
6          }
7      }
8  }
```

3. What would be the output for the below code, write your understanding?

```

1  class SampleCodeC {
2      public static void main(String[] args) {
3          String s = new String("Hello");
4          String s1 = new String("Hello");
5          System.out.println(s == s1);
6          System.out.println(s.compareTo(s1));
7          System.out.println(s.equals(s1));
8      }
```

9 }
 10 }

4. What would be the output for the below code?

```

1  class SampleCodeD {
2      public static void main(String[] args) {
3          String s = "Talent Sprint";
4          System.out.println(s.substring(0,6));
5          System.out.println(s.substring(7));
6      }
7  }
8  }
```

5. What would be the output for the below code?

```

1  class SampleCodeE {
2      public static void main(String[] args) {
3          String str = "Have a Good Day!";
4          String[] words = str.split(" ");
5          for (String word : words) {
6              System.out.println(word);
7          }
8      }
9  }
```

6. What would be the output for the below code?

```

1  class SampleCodeF {
2      public static void main(String[] args) {
3          String str = "This is my Life!";
4          String[] words = str.split(" ");
5          int l = 0;
6          for (String word : words) {
7              l += word.length();
8          }
9      }
10 }
```

```
9         System.out.println(1);  
10     }  
11 }
```