

Problems 1 through 4 use this String variable:

```
String str = /* initialized with valid data, you don't know how long it is */
```

1. Write code to print the first character of str: 2. Write code to print the last character of str:

3. Write code to print the first half of str: 4. Write code to print the location of the first space found in str.

5. Write code to print the last half of String str then the first half of String str jammed together as a new word. Assume that str has an even length. For example, "catsup" would become "supcat".

6. Finish the following line to store a random integer between -7 and 3 inclusive:

```
int x =
```

Problems 8 and 9 use the following methods:

```
public void A(int n)
{
    n--;
    System.out.print(n);
}
```

```
public void A()
{
    System.out.println("$");
}
```

8. What is printed by the following?

```
A(5);
A();
A(6);
```

9. What is printed by the following?

```
A();
A(10);
A();
```

Problems 10 and 11 use the following method:

```
public int B(int n)
{
    n+=5;
    return n;
}
```

10. What is output by the following?

```
System.out.println(B(7)+B(6));
```

11. What is output by the following?

```
System.out.println(B(12/2));
```