

# Day-23(String-BUILDER API)

1

What will be the output of the following program?

```
public class isVowel{  
    public static boolean isVowel(StringBuilder s){  
        return s.equals("a") || s.equals("e") || s.equals("i") ||  
s.equals("o") || s.equals("u");  
    }  
    public static void main(String args[]){  
        System.out.println(isVowel("a"));  
    }  
}
```

☐ Runtime error

☐ Compiler Error

☐ false

☒ True

**Incorrect**

What is the output of the following Java code?

```
StringBuilder sb = new StringBuilder("abc");  
sb.append("def").reverse().insert(3, "---");  
System.out.println( sb );
```

☒ fed---cba

☐ code does not compile

☐ fedc---ba

☐ abc--fed

**Correct**

---

What is the value of result in the following code ?

```
StringBuilder sb = new StringBuilder("Java");  
sb.append(" is");  
sb.append(" awesome!");  
String result = sb.toString();
```

- ☐ result will contain 'Java is awesome!Java '.
- ☐ result will contain "Java".
- ☒ result will contain "Java is awesome!".
- ☐ The code will not compile.

**Correct**

Which of this method of class StringBuilder is used to concatenate the string representation to the end of invoking string?

☐ concatenate()

☐ join()

☐ append()

☒ concat()

**Incorrect**

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What is the default capacity of a newly created StringBuilder object?

- ☐ 128 characters
- ☐ 64 characters
- ☐ 32 characters
- ☒ 16 characters

**Correct**