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//Oct. 29, 2018  
//IB CS HL
```

```
//Class 1
```

```
package practice1;
```

```
public class createpumpkin {  
  
    public String color = "";  
    public char size1 = 0;  
    public String design = "";  
    public int circumference = 0;  
    public String eyes = "";
```

```
    public createpumpkin() {  
  
        color = "";  
        size1 = 0;  
        design = "";  
        circumference = 0;  
        eyes = "";  
    }
```

```
//Constructor with parameters
```

```
    public createpumpkin(String newcolor, String newdesign, int  
newcircumference) {
```

```
        color = newcolor;  
        design = newdesign;  
        circumference = newcircumference;  
    }
```

```
    public createpumpkin (char newsize1, String neweyes, String newdesign) {
```

```
        size1 = newsize1;  
        eyes = neweyes;  
        design = newdesign;  
    }
```

```
//Methods
```

```
    public void add() {  
        circumference = circumference + 2;
```

```

        design = design + "" + eyes;
    }

    public void printFirst() {
        System.out.println("Color: " + color);
        System.out.println("Design: " + design);
        System.out.println("Circumference: " + circumference);
    }

    public void printAll() {
        System.out.println("Color: " + color);
        System.out.println("Size: " + size1);
        System.out.println("Design: " + design);
        System.out.println("Circumference: " + circumference);
        System.out.println("Eyes: " + eyes);
    }
}

//Driver Class:

package practice1;
import java.util.Scanner;

public class createpumpkindriver {

    static String f = "fun";
    static String s = "scary";

    public static void main (String[] args) {

//Objects:
        createpumpkin pumpkin1 = new createpumpkin("Orange","Fun", 8);
        createpumpkin pumpkin2 = new createpumpkin("L", "scary", 9);
        createpumpkin pumpkin3 = new createpumpkin("Yellow", "Fun", 10);
        createpumpkin pumpkin4 = new createpumpkin("S", "scary", 3);
        createpumpkin pumpkin5 = new createpumpkin("Orange", "fun", 13);

        System.out.println("Would you like your pumpkin to be fun or
scary?");

        Scanner input1 = new Scanner (System.in);
        String result1 = input1.nextLine();
        input1.close();
    }
}

```

```
    if (result1.contentEquals(f)) {  
        pumpkin1.add();  
        pumpkin1.printFirst();  
        System.out.println();  
        pumpkin3.printFirst();  
        System.out.println();  
        pumpkin5.printFirst();  
    }  
    else if (result1.contentEquals(s)) {  
        pumpkin2.printFirst();  
        System.out.println();  
        pumpkin4.printFirst();  
    }  
}  
}
```