

September 28, 2022



Glamorously coding with *Anna Lytical*

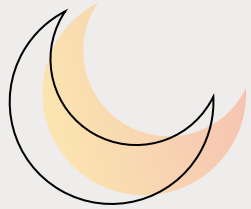
Design Matters '22



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**Code and
technology are
all around us**

“The role of the designer, in fact, is no longer about just creating beautiful and user-friendly products and services” — Design Matters



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**Filling a
need**



Let's
code!!!

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**What is
coding?**

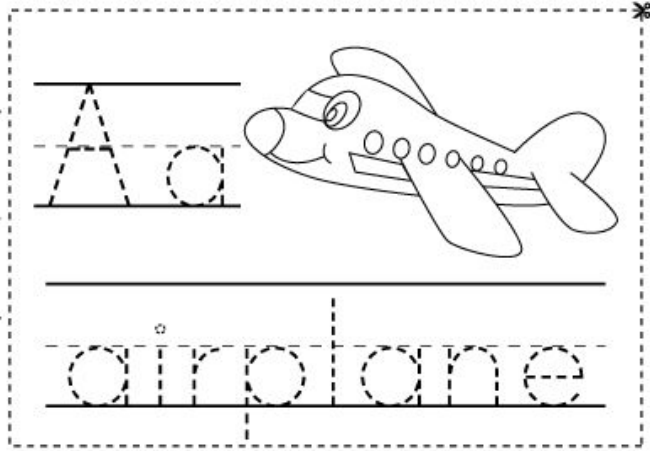
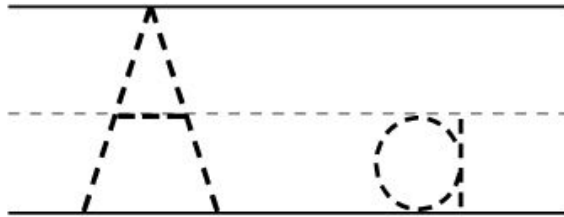


KindergartenWorksheets.net

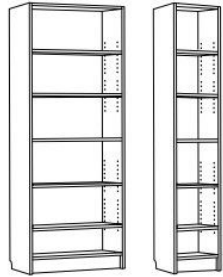


Handwriting Practice - Letter A

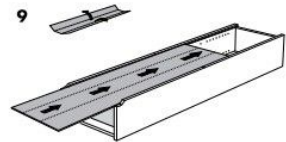
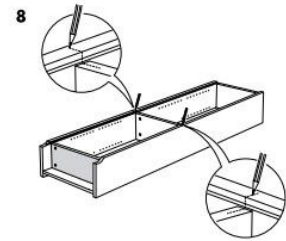
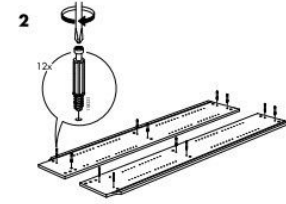
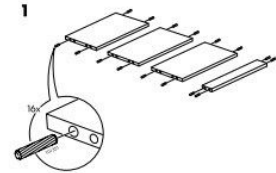
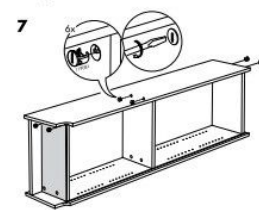
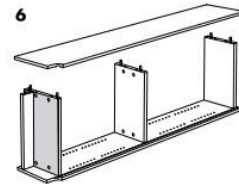
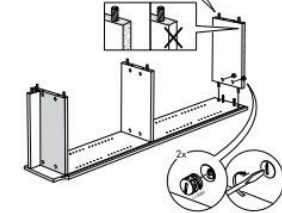
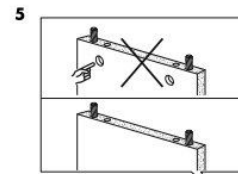
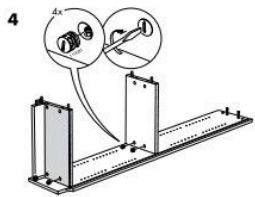
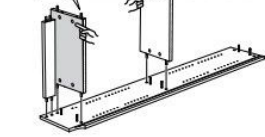
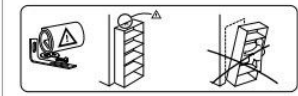
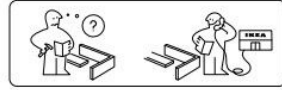
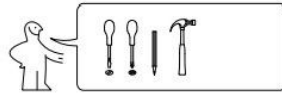
Name _____



BILLY



IKEA
Design and Quality
BILLY Shelving

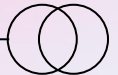
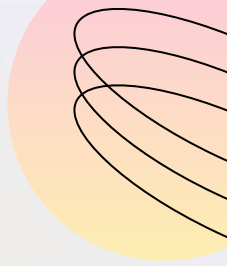


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A drag
algorithm?

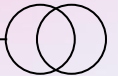
Makeup algorithm

1. apply foundation
2. contour face
3. take colors light brown, dark brown, and purple glitter
4. apply each color to the eye
5. blend
6. if eyeshadow isn't blended
7. go back to step 5
8. else
9. apply mascara and eyeliner
10. feel gorgeous!



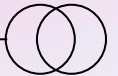
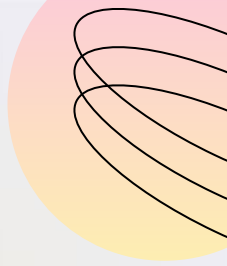
Makeup algorithm: Functions

1. **apply** foundation
2. **contour** face
3. **take** colors light brown, dark brown, and purple glitter
4. **apply** each color to the eye
5. **blend**
6. if eyeshadow isn't blended
7. **go back** to step 5
8. else
9. **apply** mascara and eyeliner
10. **feel** gorgeous!



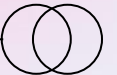
Makeup algorithm: Conditions

1. apply foundation
2. contour face
3. take colors light brown, dark brown, and purple glitter
4. apply each color to the eye
5. blend
6. **if** eyeshadow isn't blended
7. go back to step 5
8. **else**
9. apply mascara and eyeliner
10. feel gorgeous!



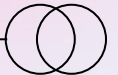
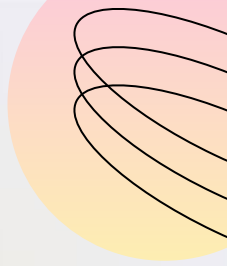
Makeup algorithm: Booleans

1. apply foundation
2. contour face
3. take colors light brown, dark brown, and purple glitter
4. apply each color to the eye
5. blend
6. **if eyeshadow isn't blended**
7. go back to step 5
8. **else**
9. apply mascara and eyeliner
10. feel gorgeous!



Makeup algorithm: Loops

1. apply foundation
2. contour face
3. **take colors light brown, dark brown, and purple glitter**
4. **apply each color to the eye**
5. blend
6. if eyeshadow isn't blended
7. **go back to step 5**
8. else
9. apply mascara and eyeliner
10. feel gorgeous!



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**Let's dance:
volunteers
required**

Dance



1. While music is playing
2. Dance

Robot



1. While music is playing
2. Robot

Robot

1. Put your arms out & lock them
2. Rotate at the elbow
3. Twist your hips

Disco



1. While music is playing
2. Disco

Disco

1. Get loose
2. Bounce your body
3. Point finger to the ground across body
4. Point finger to the sky

*BinarySearch0.java

```
1 package Remaining;
2 import java.util.Arrays;
3 import java.util.Scanner;
4
5 public class BinarySearch0 {
6     private static Scanner sc;
7     public static void main(String[] args) {
8         sc = new Scanner(System.in);
9         int[] arr = {10, 20, 30, 40, 50, 60, 70, 80, 90};
10
11         System.out.print("Please Enter Number to Search = ");
12         int num = sc.nextInt();
13
14         int result = Arrays.binarySearch(arr, num);
15
16         if(result == -1) {
17             System.out.println("Number Not Found");
18         }
19         else {
20             System.out.println("Number Found at index position = " + result);
21         }
22     }
23 }
```



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Instructions

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Functions: Moving

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Functions: Combinations

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Loops

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Conditions

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Custom Functions

