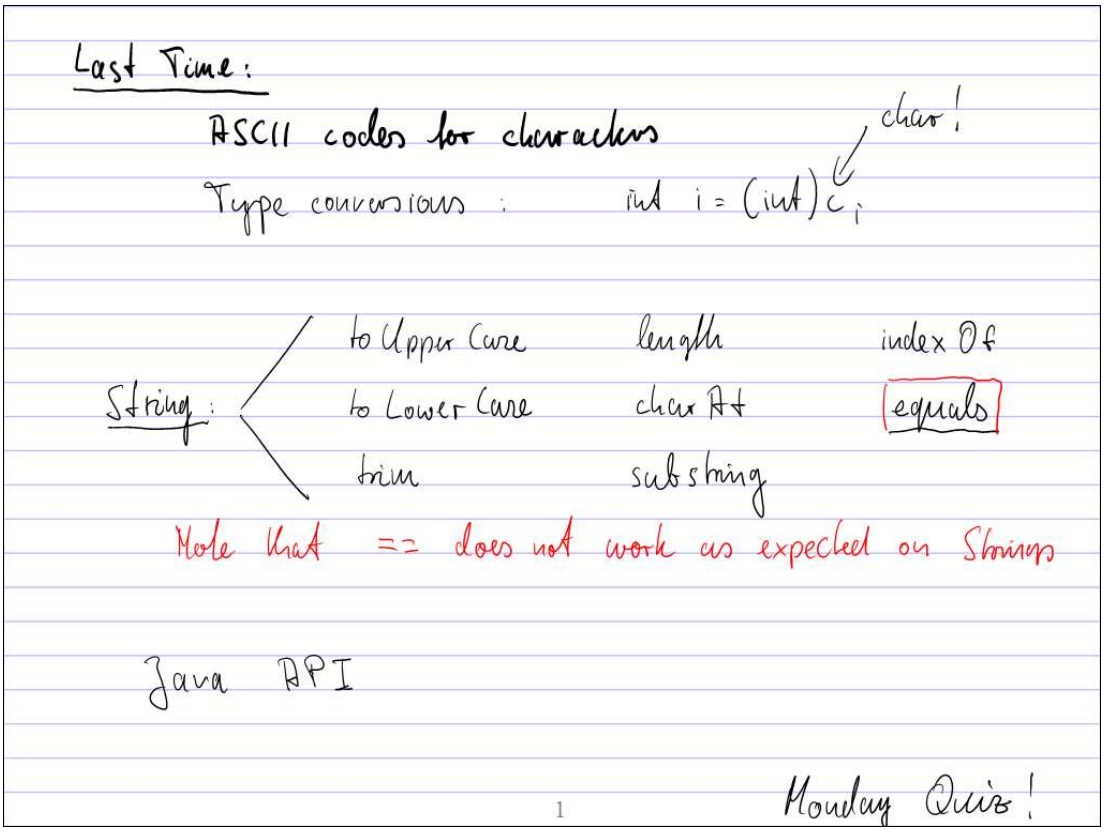
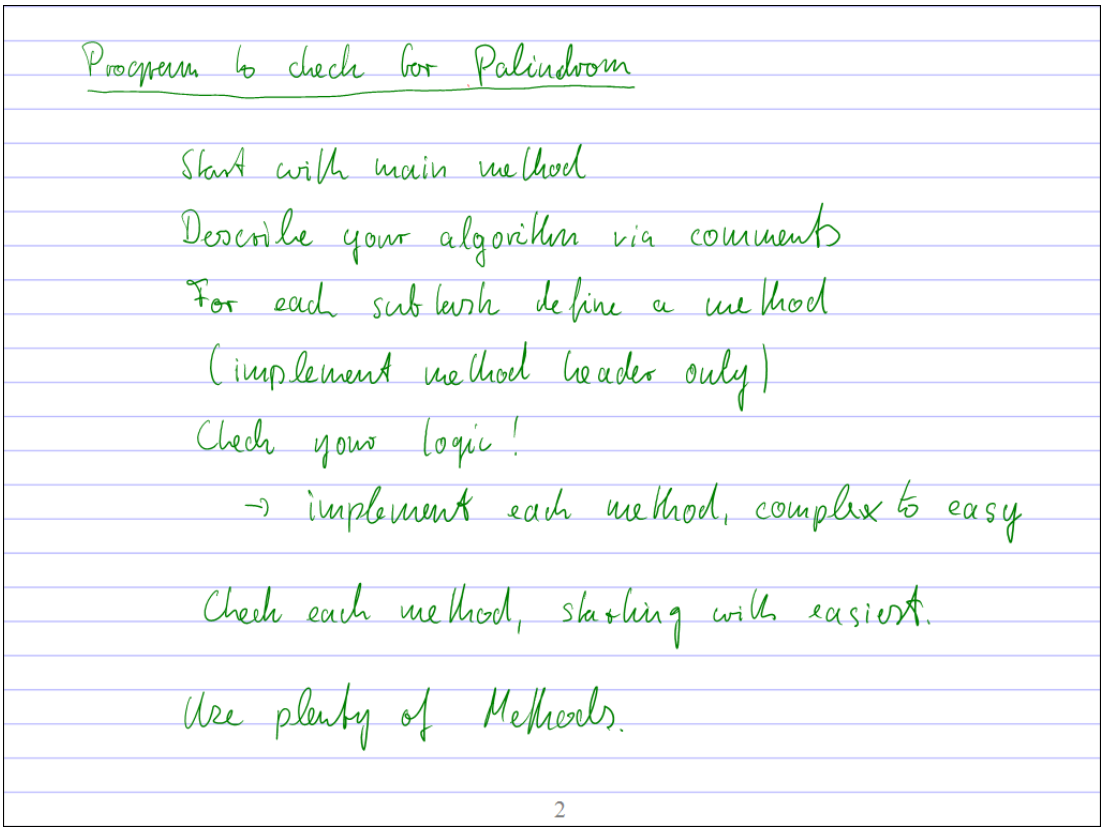
Panel 1



Panel 2



Panel 3

```
public class Palindrome
{
    public static String getInput()
    {
        System.out.print("Enter text: ");
        String input = Console.readString();
        return input;
    }

    public static String reverse(String input)
    {
        // take a character from end of input and
        // append to a new String; repeat
        String backwards = "";
        for (int i = input.length()-1; i >= 0; i--)
        {
            backwards += input.charAt(i);
        }
        return backwards;
    }

    public static boolean isPalindrome(String input)
    {
        // reverse input string
        String backwards = reverse(input).toUpperCase();
        // check if input equal reversed string
        if (input.equals(backwards))
            return true;
        else
            return false;
    }

    public static void main(String args[])
    {
        // Ask user to enter a String
        String input = getInput();
        // Check if it is a palindrome
        boolean answer = isPalindrome(input);
        // Provide answer
        if (answer)
           System.out.println("palindrome");
        else
           System.out.println("not a palindrome");
    }
}
```

The complete Palindrome class!

3

Panel 4

Could replace "isPalindrome" by a while loop!

```
public static boolean isPalindrome(String input)
 {
    // take first and last character of input
    // if they agree, take 2nd and 2nd-last and continue
    // else stop

    int i = 0;
    while ((i < input.length()) &&
           (input.charAt(i) == input.charAt(input.length()-1-i)))
    {
       i++;
    }
    if (i >= input.length())
       return true;
    else
       return false;
 }
```

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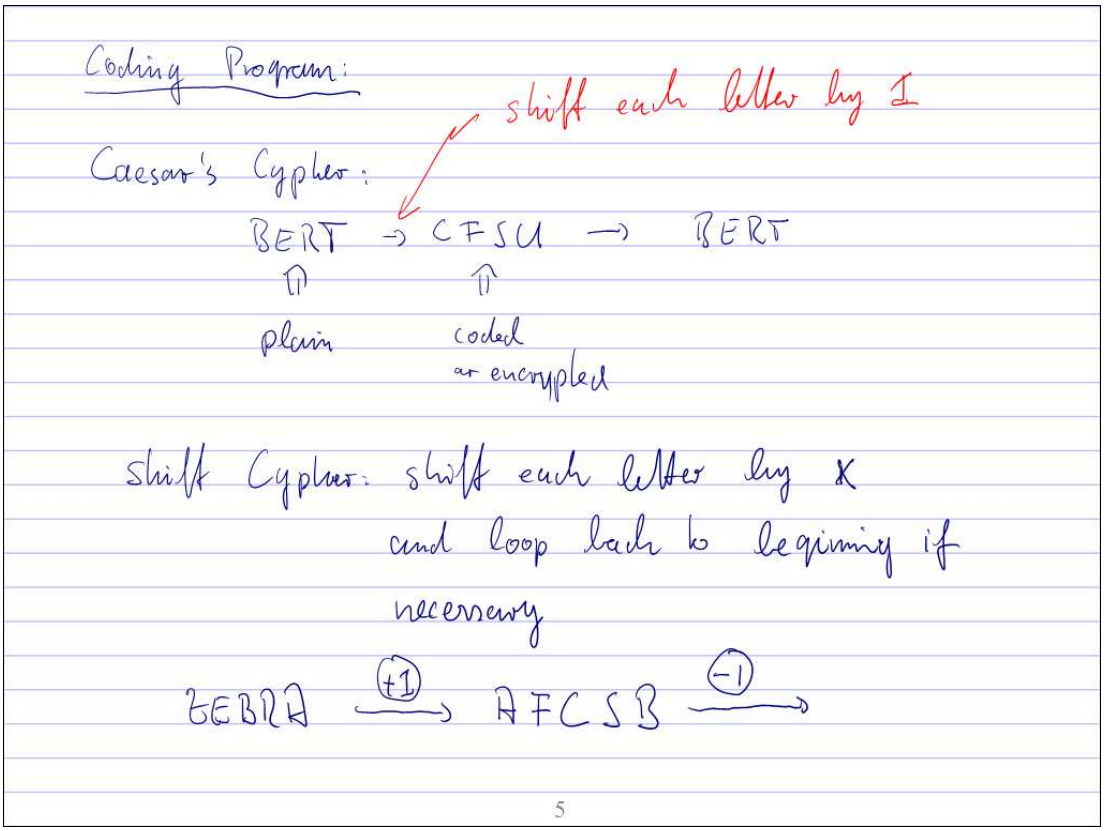
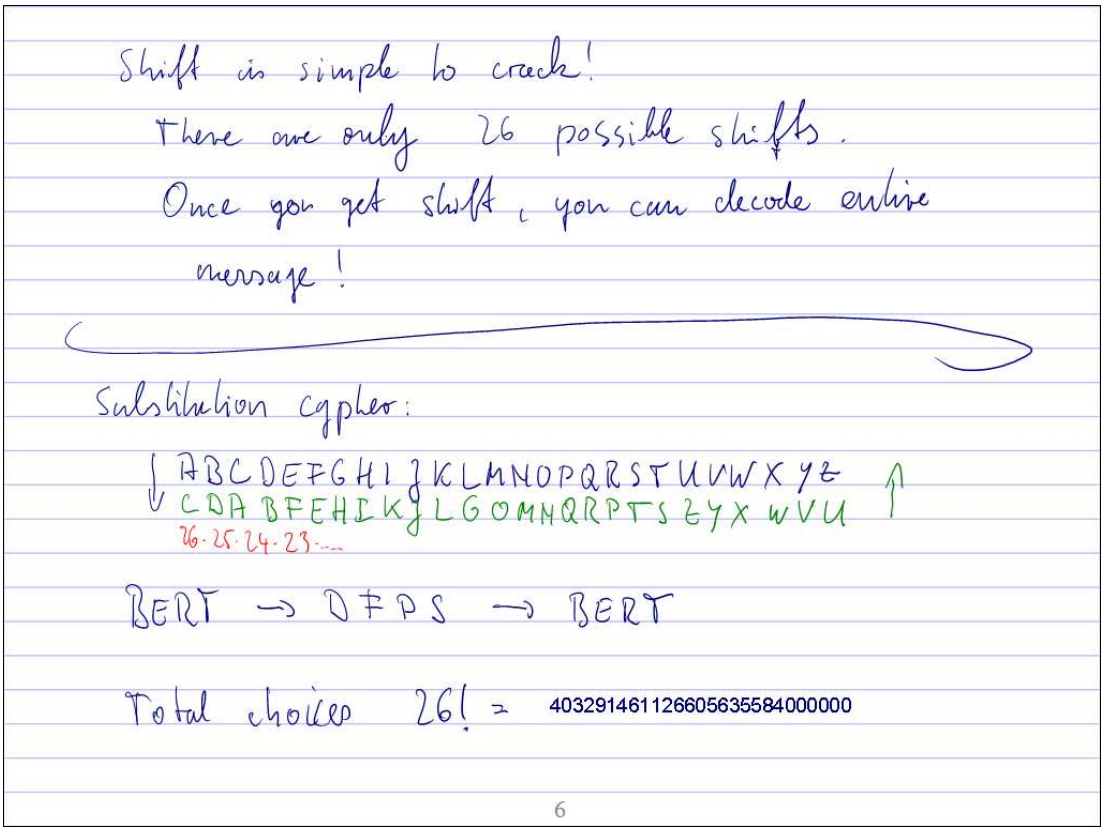
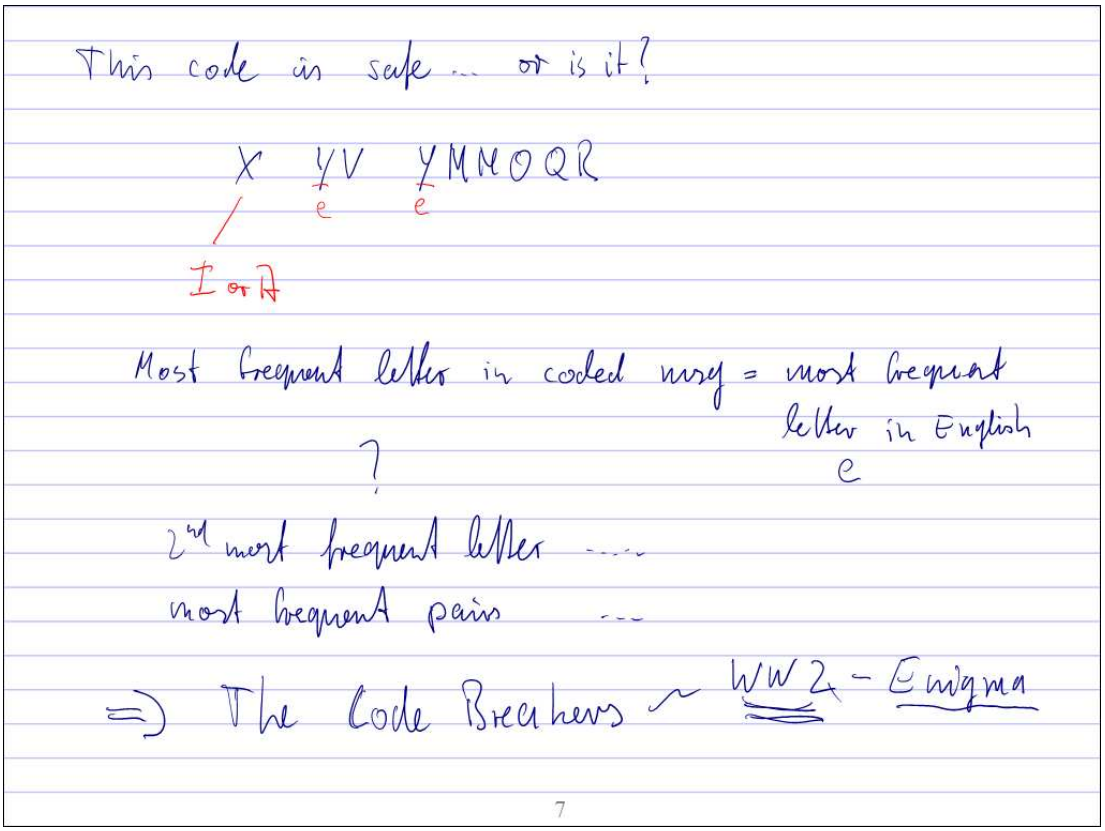
Panel 5



Panel 6



Panel 7



Panel 8