

March 11 Chapter 11 Exams
Questions 22, 23 and 24.

```
char little;
char big = 'a';
little = Character.toUpperCase(big);
|

char ch;

if(Character.isDigit(ch))
    System.out.print("digit");
else
    System.out.print("Not a digit");

int counter=0;
for (int i=0; i<str.length(); i++)
{
    if(Character.isUpperCase(str.charAt(i)))
        counter ++;
}
|
```

Program Challenge

By Drew

```
import java.util.Scanner;

public class BackwardString {

    public static void main (String args[]) {
        //Needed for scanner
        Scanner keyboard = new Scanner(System.in);
        //ask for string
        System.out.print("Type a string and it will be outputted backwards: ");
        //convert
        makeBackwards(keyboard.nextLine());
    }

    public static void makeBackwards(String str)
    {
        System.out.println(str + " backwards is ");
        for (int i = str.length(); i > 0; i--)
        {
            System.out.print(str.charAt((i - 1)));
        }
    }
}
```

By Jonathan

```
public class Flip
{

    public static void main(String[] args)
    {

        String str;
        int number;

        Scanner keyboard = new Scanner(System.in);

        System.out.println("Enter a word:");
        str = keyboard.nextLine();

        System.out.println("How long is your word?:");
        number = keyboard.nextInt();

        for(int index = number-1;index >= 0;index--)
        {
            System.out.print(str.charAt(index));
        }

    }
}
```

By Corey

```
import java.util.Scanner;
public class Fun
{
    public static void main (String [] args)
    {
        String[] letters = new String [6];

        Scanner keyboard = new Scanner(System.in);
        for (int i = 0; i < 6; i++)
        {
            System.out.println("Please enter the " + (i + 1) +
                               " letter of the word:");
            letters[i] = keyboard.nextLine();
        }

        System.out.println(letters[5] + letters[4] + letters[3] +
                           letters[2] + letters[1] + letters[0]);
    }
}
```

```
/**
 Chapter 10
 Backward String
 */
import java.util.Scanner;

public class BackwardString
{
    public static void main(String[] args)
    {
        String input; // Keyboard input

        //a Scanner object for input.
        Scanner keyboard = new Scanner(System.in);

        // Get a string.
        System.out.print("Enter something: ");
        input = keyboard.nextLine();

        //call a backward method.
        backward(input);
    }

    /**
     The method displays a string backward.
     @param str The string to display backward.
     */

    public static void backward(String str)
    {
        for (int i = str.length()-1; i > 0; i--)
            System.out.print(str.charAt(i));
        System.out.println();
    }
}
```