Family Name:									DO NOT WRITE IN BOX FOR MARKING ONLY	
Stud	dent ID: (fill in	the boxe	es below,	please v	vrite legi	bly)				
1.	False	2.	Tru	le	3.	Tru	le	4.	True	
5.	False	6.	Fal	se	7.	Tru	le	8.	True	
9.	0.0				10.	input, x, y				
11.	x is 4 y is 5				12.	4+5 is 45				
13.	one two				14.	В, Е				
15.	public [static] void findMax(double x, double y, double z) OR public [static] void findMax(float x, float y, float z)									
16.	public [static] String[]/char[] findUpperCase(String x)									
17.		D, E			18.	1	2	19.	9	
20.	[[6, 5, 4, 3, 2, 1]					4, 3			
22.	wptg				23.		Pow! Finally			

Long answer solutions

```
public class AlphabetSoup {
 public static int countChar(String s, char c) {
 int count = 0;
 for (int i = 0; i < s.length(); i++) {
   if (s.charAt(i) == c) {
   count++;
 return count;
 public static boolean haveChar(String[] strings, char c) {
  for (int i = 0; i < strings.length; i++) {
   if (countChar(strings[i], c) == 0) {
    return false;
   }
  return true;
 public static String[] copySubArray(String[] original, int start, int end) {
 String[] sub = new String[end - start];
 for (int i = 0; i < \text{sub.length}; i++) {
  sub[i] = original[i + start];
 }
 return sub;
 }
 public static void main(String[] args) {
  if (args.length < 2 \mid | args[0].length() != 1) {
   throw new IllegalArgumentException("Invalid input!");
  boolean result = haveChar(args, args[0].charAt(0));
  if (result) {
  System.out.println("The letter" + args[0].charAt(0) + " is present in all of the strings");
  }
  else {
   System.out.println("The letter" + args[0].charAt(0) + " is not present in all of the
Strings");
  }
}
}
```