toUpperCase()

```
import java.util.Scanner;
public class Demo{

	static String toUpperCase(String s) {
		String t ="";

		for(int i=0; i < s.length(); i++) {
			char c = s.charAt(i);
			if(c>='a' && c<='z') {
				t = t + (char)(c-32);
			}else {
				t = t + c;
			}
		}
		return t;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();

		System.out.println(toUpperCase(s));
	}

}
```

toLowerCase()

```
import java.util.Scanner;
public class Demo{

	static String toLowerCase(String s) {
		String t ="";

		for(int i=0; i < s.length(); i++) {
			char c = s.charAt(i);
			if(c>='A' && c<='Z') {
				t = t + (char)(c+32);
			}else {
				t = t + c;
			}
		}
		return t;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();

		System.out.println(toLowerCase(s));
	}

}
```

indexOf()

```
import java.util.Scanner;
public class Demo{

	static int indexOf(String s, String c) {
		char key = c.charAt(0);

		for(int i=0; i<s.length(); i++) {
			if(s.charAt(i) == key) {
				return i;
			}
		}
		return -1;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String c = scan.nextLine();

		System.out.println(indexOf(s,c));
	}

}
```

lastIndexOf()

```
import java.util.Scanner;
public class Demo{

	static int lastIndexOf(String s, String c) {
		char key = c.charAt(0);

		for(int i=s.length()-1; i>=0; i--) {
			if(s.charAt(i) == key) {
				return i;
			}
		}
		return -1;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String c = scan.nextLine();

		System.out.println(lastIndexOf(s,c));
	}

}
```

trim()

```
import java.util.Scanner;
public class Demo{

	static String trim(String s) {
		String t = "";
		int si=0,ei=0;

		for (int i = 0; i < s.length(); i++) {
			if(s.charAt(i) != ' ') {
				si=i;
				break;
			}
		}

		for (int i = s.length()-1; i>=0; i--) {
			if(s.charAt(i) != ' ') {
				ei=i;
				break;
			}
		}

		for(int i=si; i<=ei; i++) {
			t=t+s.charAt(i);
		}

		return t;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String c = scan.nextLine();

		System.out.println(trim(s));
	}

}
```

toCharArray()

```
import java.util.Scanner;
public class Demo{

	static char[] toCharArray(String s) {
		char[] c = new char[s.length()];

		for(int i=0; i<s.length(); i++) {
			c[i] = s.charAt(i);
		}

		return c;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		System.out.println(toCharArray(s));


	}

}
```

equals()

```
import java.util.Scanner;
public class Demo{

	static boolean equals(String s1, String s2) {
		for(int i=0; i<s1.length();i++) {
			if(s1.charAt(i) != s2.charAt(i)) {
				return false;
			}
		}
		return true;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s1 = scan.nextLine();
		String s2 = scan.nextLine();
		System.out.println(equals(s1, s2));
	}

}
```

startsWith()

```
import java.util.Scanner;
public class Demo{

	static boolean startsWith(String s, String t) {
		int count = 0;
		for(int i=0; i<t.length();i++) {
			if(s.charAt(i) == t.charAt(i)) {
				count++;
			}
		}
		if(t.length() == count) {
			return true;
		}else {
			return false;
		}
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String t = scan.nextLine();
		System.out.println(startsWith(s, t));


	}

}
```

endsWith()

```
import java.util.Scanner;
public class Demo{

	static boolean endsWith(String s, String t) {
		int count = 0;
		for(int i=s.length()-t.length(); i<t.length();i++) {
			if(s.charAt(i) == t.charAt(count)) {
				count++;
			}
		}
		if(t.length() == count) {
			return true;
		}else {
			return false;
		}
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String t = scan.nextLine();
		System.out.println(endsWith(s, t));
	}
}
```

contains()

```
import java.util.Scanner;
public class Demo{

	static boolean endsWith(String s, String t) {
		int count = 0;
		for(int i=0; i<s.length() && count < t.length();i++) {
			if(s.charAt(i) == t.charAt(count)) {
				count++;
			}
			else {
				count = 0;
			}
		}
		if(t.length() == count) {
			return true;
		}else {
			return false;
		}
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		String t = scan.nextLine();
		System.out.println(endsWith(s, t));


	}

}
```

replace()

```
import java.util.Scanner;
public class Demo{

	static char[] toCharArray(String s) {
		char[] c = new char[s.length()];

		for(int i=0; i<s.length(); i++) {
			c[i] = s.charAt(i);
		}

		return c;
	}


	static String replace(String str, char old_char, char new_char) {
		char[] s = toCharArray(str);
		for(int i=0; i<s.length; i++) {
			if(s[i] == old_char) {
				s[i] = new_char;
			}
		}

		return new String(s);
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		char old_char = scan.next().charAt(0);
		char new_char = scan.next().charAt(0);
		System.out.println(replace(s, old_char, new_char));


	}

}
```

subString(int startIndex)

```
import java.util.Scanner;
public class Demo{

	static String subString(String s, int startIndex) {
		String t = "";
		for(int i=startIndex; i <s.length(); i++) {
			t = t+s.charAt(i);
		}
		return t;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String s = scan.nextLine();
		int n = scan.nextInt();
		System.out.println(subString(s, n));


	}

}
```

subString(int startIndex, int endIndex)

```
import java.util.Scanner;
public class Demo{

	static String subString(String s, int startIndex, int endIndex) {
		String t = "";
		for(int i=startIndex; i <endIndex; i++) {
			t = t+s.charAt(i);
		}
		return t;
	}

	public static void main(String[] args) {
		Scanner scan = new Scanner(System.in);
		String st = scan.nextLine();
		int s = scan.nextInt();
		int e = scan.nextInt();
		System.out.println(subString(st, s, e));


	}

}
```