

1. Read userid, password and compare with predefined string constants. (use equal Ignore case method) Eg: uid:AF0123 PWD:stu@123

```
package assessment; import
java.util.Scanner;

public class Test {
    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner scanner = new Scanner(System.in);

        String Uid = "AF0123";
        String Pwd = "stu@123";

        System.out.print("Enter the uid: ");
        String Userid = scanner.nextLine();
        System.out.print("Enter the pwd: ");
        String Pwd1 = scanner.nextLine();

        if (Uid.equalsIgnoreCase(Userid) &&
        Pwd1.equalsIgnoreCase(Pwd)) {
            System.out.println("Successfullycompleted");
        } else {
            System.out.println("Not completed");
        }
    }
}
```

Output:

```
Enter the uid: AF0123
Enter the pwd: stu@123
Successfullycompleted
```

2. Read a string, and count the number of alphabets, digits, symbols, space characters, words present in a string.

In the same program, accept a string and check whether it is present in the main string or not.

Input : Java18 is a robust language.

Count : 28

Alphabets : ?

Digits : ?

Symbols : ?

Words : ?

Enter a substring : robust

Searching substring is present in your string

```
package assessment;
import java.util.Scanner;

public class test1 {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a string: ");
        String mainString = scanner.nextLine();

        // Count characters
        int alphabetCount = 0;
        int digitCount = 0;
        int symbolCount = 0;
        int
```

```

spaceCount = 0;
wordCount = 0;

        for (char ch : mainString.toCharArray()) {
            if (Character.isLetter(ch)) {
alphabetCount++;
                } else if (Character.isDigit(ch)) {
digitCount++;
                } else if (Character.isWhitespace(ch)) {
                    spaceCount++;
                } else {
symbolCount++;
                }
            }
        }

        System.out.println("Alphabets: " + alphabetCount);
        System.out.println("Digits: " + digitCount);
        System.out.println("Symbols: " + symbolCount);
        System.out.println("Spaces: " + spaceCount);
        System.out.println("Words: " + wordCount);

    }
}

```

Output:

```

Enter a string: java 18 is a robust language.
Alphabets: 21
Digits: 2
Symbols: 1
Spaces: 5
Words: 0

```