ASSIGNMENT

Q1 ans-

```
import java.util.Scanner;

public class Assignment {
 public static void main(String[] args) {
 Scanner sc = new Scanner(System.in);
 System.out.println("Enter the String : ");
 String s = sc.next();
 System.out.println(s);
 }
}
```

Q2 ans-

Method 1- Using a concate Keyword

1- String S1 = “PW”;
2- S1 = S1.concate(“Skills”);

Methode 2- Using and Operator

```
String s1  = “PW” + “Skiils”;
```

Q3 ans-

```
// Using a [length()] Keyword

public class Assignment {
 public static void main(String[] args) {
 String s = "COOL";
 System.out.println(s.length());
 }
}
```

Q4 ans-

```
//Using a [equals] Keyword
```

```
public class Assignment {
 public static void main(String[] args) {
 String s = "COOL";
 String s1 = "COOL";
 System.out.println(s.equals(s1));
 }
}
```

Q5 ans-

```
public class Assignment {
 public static void main(String[] args) {
 String s = "refrigerator";
 System.out.println(s.length());
 }
}
```

Q6 ans-

```
public class Assignment {
 public static void main(String[] args) {
 String[] s = {"Umbrella"};
 char c = 'e';
 boolean flag = false;

 for (int i = 0; i < s.length; i++) {
 if (s[i].indexOf(c) != -1) {
 flag = true;
 break;
 }
 }

 System.out.println(flag);
 }
}
```

Q7 ans-

```
public class ConsonantRemoval {

    public static void main(String[] args) {
```

```
        String inputString = "Hello, have a good day";
        String result = removeConsonants(inputString);
        System.out.println(result);
    }

    public static String removeConsonants(String input) {
        StringBuilder stringBuilder = new StringBuilder();
        String vowels = "aeiouAEIOU";

        for (int i = 0; i < input.length(); i++) {
            char currentChar = input.charAt(i);

            if (Character.isLetter(currentChar) && vowels.indexOf(currentChar) != -1) {
                stringBuilder.append(currentChar);
            }
        }

        return stringBuilder.toString();
    }
}
```