

ASSIGNMENT - 09

Tuesday, 5 April 2022

1:31 AM

Q1.

```
interface Motor {

    int capacity = 10;
    void run();
    void consume();
}

class WashingMachine implements Motor {

    public void run() {

        System.out.println("Running\n");
    }

    public void consume() {

        System.out.println("Consuming : " + " " + capacity);
    }

}

public class q1 {

    public static void main (String args[]) {

        WashingMachine w1 = new WashingMachine();
        w1.run();
        w1.consume();
    }

}
```

Q2.

(i) import java.util.*;

```
public class q2-1 {

    public static void main(String args[]) {

        Scanner sc = new Scanner (System.in);
        System.out.println("Enter a string");
        String s = sc.nextLine();
        System.out.println(s.toLowerCase());
    }

}
```

(ii) import java.util.*;

```
public class q2-2 {

    public static void main (String args[]) {

        Scanner sc = new Scanner (System.in);
        System.out.println("Enter a string");
        String s = sc.nextLine();
        StringBuffer sb = new StringBuffer(s);
        System.out.println(sb.reverse());
    }

}
```

(iii) import java.util.*;

```
public class q2-1 {

    public static void main (String args[]) {

        Scanner sc = new Scanner (System.in);
        System.out.println("Enter a string 1");
        String s = sc.nextLine();
        System.out.print("Enter a string 2");
        String s1 = sc.nextLine();
        System.out.print(s.compareTo(s1));
    }

}
```