# Java WEEK 6 assignment solutions

**1ans(clear the intial data and pase it)**

public class Question61 extends Thread{

public void run(){

System.out.print("Thread is Running.");

}

**2ans.**

public static void main(String[] args) {

Question62 ex = new Question62();

Thread t1= new Thread(ex);

t1.setName("Main Thread");

t1.start();

System.out.println("Welcome to Java Week 6 New Question.");

t1.setName("Main Thread");

}

**3ans.**

class MyThread extends B {

// run() is overriden and 'NPTEL Java' is printed.

public void run() {

System.out.print("NPTEL Java week-6 new Assignment Q3");

}

}

**4ans.(clear the data then paste it)**

// Returns the sum of a and b. (reader)

// Should always return an even number.

synchronized public int sum() { // line 1 :- answer

return(a+b);

}

// Increments both a and b. (writer)

synchronized public void inc() { //line 2 :- answer

a++;

b++;

}

}

**5ans.**

t1.setName("Week 6 Assignment Q5");

t2.setName("Week 6 Assignment Q5 New");