```java
/* Develop a multithreaded Java program to create three threads. First thread generates
random integer for every second and if the value is even, second thread computes the
square of number and prints. If the value is odd, the third thread will print the value of
cube of number.*/

import java.util.Random;

class RandomNumberThread extends Thread {
public void run() {
Random random = new Random();
for (int i = 0; i < 10; i++) {
int randomInteger = random.nextInt(100);
System.out.println("Random Integer generated : " + randomInteger);
if((randomInteger%2) == 0) {
SquareThread sThread = new SquareThread(randomInteger);
sThread.start();
}
else {
CubeThread cThread = new CubeThread(randomInteger);
cThread.start();
}
try {
Thread.sleep(1000);
}
catch (InterruptedException ex) {
System.out.println(ex);
}
}
}
}

class SquareThread extends Thread {
int number;
```

```java
}
}
}

class SquareThread extends Thread {
int number;

SquareThread(int randomNumbern) {
number = randomNumbern;
}

public void run() {
System.out.println("Square of " + number + " = " + (number * number));
}
}

class CubeThread extends Thread {
int number;

CubeThread(int randomNumber) {
number = randomNumber;
}

public void run() {
System.out.println("Cube of " + number + " = " + number * number * number);
}
}

public class MTTest {
public static void main(String args[]) {
RandomNumberThread rnThread = new RandomNumberThread();
rnThread.start();
}
}
```

```
C:\Windows\System32\cmd.exe                                                    —    □    X

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C:\Users\Pooja K\Desktop>javac MTTest.java

C:\Users\Pooja K\Desktop>java MTTest
Random Integer generated : 56
Square of 56 = 3136
Random Integer generated : 47
Cube of 47 = 103823
Random Integer generated : 31
Cube of 31 = 29791
Random Integer generated : 19
Cube of 19 = 6859
Random Integer generated : 89
Cube of 89 = 704969
Random Integer generated : 93
Cube of 93 = 804357

C:\Users\Pooja K\Desktop>
```