

190030402
DIVYA AMRUTHA VUDATTU
DAY-5

Is N an exact multiple of M?

```
import java.io.*;
import java.util.*;
// Read only region start
class UserMainCode
{
public int isMultiple(int input1,int input2){
// Read only region end
// Write code here...
int val=0;
if(input1==0 || input2==0) val=3;
else if((input1%input2)!=0) val=1;
else val=2;
return val;
}
}
```

Of given 5 numbers, how many are even?

```
#include<stdio.h>
#include<string.h>

int countEvens(int input1,int input2,int input3,int input4,int input5)
{
// Read only region end
// Write code here

int cnt=0;

if(input1<0) input1=(-1)*input1;
if(input2<0) input2=(-1)*input2;
if(input3<0) input3=(-1)*input3;
if(input4<0) input4=(-1)*input4;
if(input5<0) input5=(-1)*input5;

if(input1%2==0) cnt++;
```

```
if(input2%2==0) cnt++;
```

```
if(input3%2==0) cnt++;
```

```
if(input4%2==0) cnt++;
```

```
if(input5%2==0) cnt++;
```

```
return cnt;
```

Of given 5 numbers, how many are odd?

```
import java.io.*;
```

```
import java.util.*;
```

```
// Read only region start
```

```
class UserMainCode
```

```
{
```

```
public int countEvens(int input1,int input2,int input3,int input4,int input5){
```

```
// Read only region end
```

```
int cnt=0;
```

```
if(input1<0) input1=(-1)*input1;
```

```
if(input2<0) input2=(-1)*input2;
```

```
if(input3<0) input3=(-1)*input3;
```

```
if(input4<0) input4=(-1)*input4;
```

```
if(input5<0) input5=(-1)*input5;
```

```
if(input1%2!=0) cnt++;
```

```
if(input2%2!=0) cnt++;
```

```
if(input3%2!=0) cnt++;
```

```
if(input4%2!=0) cnt++;
```

```

if(input5%2!=0) cnt++;

return cnt;

}

```

Of 5 how many are odd or even?

```

class UserMainCode

{

public int countEvensOdds(int input1,int input2,int input3,int input4,int
input5,String
input6){

// Read only region end

int cnt=0;

if(input6.equalsIgnoreCase("odd")){

if(input1<0) input1=(-1)*input1;

if(input2<0) input2=(-1)*input2;

if(input3<0) input3=(-1)*input3;

if(input4<0) input4=(-1)*input4;

if(input5<0) input5=(-1)*input5;

if(input1%2!=0) cnt++;

if(input2%2!=0) cnt++;

if(input3%2!=0) cnt++;

if(input4%2!=0) cnt++;

if(input5%2!=0) cnt++;

}

else if(input6.equalsIgnoreCase("even")){

```

```
if(input1<0) input1=(-1)*input1;
```

```
if(input2<0) input2=(-1)*input2;
```

```
if(input3<0) input3=(-1)*input3;
```

```
if(input4<0) input4=(-1)*input4;
```

```
if(input5<0) input5=(-1)*input5;
```

```
if(input1%2==0) cnt++;
```

```
if(input2%2==0) cnt++;
```

```
if(input3%2==0) cnt++;
```

Default 1				
Inputs	Expected	Actual	Cpu (ms)	Processing (ms)
12,17,19,14,115,odd	3	3	0	433

Default 2				
Inputs	Expected	Actual	Cpu (ms)	Processing (ms)
15,0,-12,19,28,odd	2	2	0	182

```
if(input4%2==0) cnt++;
```

```
if(input%2==0) cnt++;
```

```
}
```

```
return cnt
```