

Course Title : OOT programming

Semester / Section :
3- D

Code: 19CS3PC00 J

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LAB TEST - 1

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Q2.

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

```
class Time {
```

```
int hrs, min, sec hours, mins, seconds.
```

```
Time () {
```

```
hours = 0;
```

```
mins = 0;
```

```
seconds = 0;
```

```
}
```

```
Time (int hr, int mi, int se) {
```

```
hours = hr;
```

```
mins = mi;
```

```
seconds = se;
```

```
}
```

```
void display() {
```

```
System.out.println (hours + ":" + mins + ":" + seconds);
```

```
}
```

```
public static Time add (Time t1, Time t2) {
```

```
Time t3 = new Time ()
```

```
t3.hours = (t1.hours + t2.hours) * 24;  
t3.mins = (t1.mins + t2.mins) * 60;  
t3.seconds = (t1.seconds + t2.seconds) * 60;  
return t3;
```

```
}
```

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

```
    Time t1 = new Time (11, 59, 59);
```

```
    Time t2 = new Time (1, 1, 1);
```

```
    Time t3 = add(t1, t2);
```

```
    System.out.println ("Time 1 = " );
```

```
    t1.display ();
```

```
    System.out.println ("Time 2 = " );
```

```
    t2.display ();
```

```
    System.out.println ("Time 3 = " );
```

```
    t3.display ();
```

```
}
```

```
}
```