

## 4MT21CS020

1)

```
public class Sum {  
    public static void main int lucky (int a, int b, int c) {  
        if (a == 13) {  
            return 0;  
        } else if (b == 13) {  
            return a;  
        } else if (c == 13) {  
            return a + b;  
        } else {  
            return a + b + c;  
        }  
    }  
}  
  
public static void main (String [] args) {  
    System.out.println(lucky(1, 2, 3));  
    System.out.println(lucky(1, 2, 13));  
    System.out.println(lucky(1, 13, 3));  
}
```

2) public class NoTenSum {

```
    public static void main (String [] args) {  
        System.out.println(noTenSum(1, 2, 3));  
        System.out.println(noTenSum(2, 13, 1));  
        System.out.println(noTenSum(2, 1, 14));  
    }  
    public static int noTenSum (int a, int b, int c) {  
        return fixTen(a) + fixTen(b) + fixTen(c);  
    }  
}
```



```
public static int fixTerm(int n) {
```

```
    if ((n >= 13 && n <= 14) || (n >= 17 && n <= 19)) {
```

```
        return 0;
```

```
    }
```

```
    return n;
```

```
}
```

```
}
```

2)

```
public class Ticket {
```

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

```
        System.out.println(ticket(1, 2, 3));
```

```
        System.out.println(ticket(2, 2, 2));
```

```
        System.out.println(ticket(1, 1, 2));
```

```
    }
```

```
    public static int ticket(int a, int b, int c) {
```

```
        if (a == b && b == c) {
```

```
            return 20;
```

```
        } else if (a == b || a == c || b == c) {
```

```
            return 10;
```

```
        } else {
```

```
            return 0;
```

```
        }
```

```
    }
```

```
}
```