

Team ID	PNT2022TMID03711
Project Name	Smart solution for Railways.

SEAT BOOKING

```
def berth_type(s):
```

```
    if s>0 and s<73:
```

```
        if s % 8 == 1 or s % 8 == 4:
```

```
            print (s), "is lower berth"
```

```
        elif s % 8 == 2 or s % 8 == 5:
```

```
            print (s), "is middle berth"
```

```
        elif s % 8 == 3 or s % 8 == 6:
```

```
            print (s), "is upper berth"
```

```
        elif s % 8 == 7:
```

```
            print (s), "is side lower berth"
```

```
        else:
```

```
            print (s), "is side upper berth"
```

```
    else:
```

```
        print (s), "invalid seat number"
```

```
# Driver code
```

```
s = 10
```

```
berth_type(s)    # fxn call for berth type
```

```
s = 7
```

```
berth_type(s)    # fxn call for berth type
```

```
s = 0
```

```
berth_type(s)    # fxn call for berth
```