

```
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 type
```