import java.util.Scanner;

class WashMachine{

public static void main(String args[])

{

int weight;

Scanner sc = new Scanner(System.in);

weight=sc.nextInt();

if(weight==0)

System.out.println("0 minutes");

else if(weight<=2000)

System.out.println(" 25 minutes");

else if(weight>2000&&weight<4000)

System.out.println(" 35 minutes");

else if(weight>4000&&weight<7000)

System.out.println(" 45 minutes");

else

System.out.println("overloaded");

}

}