public static void main(String[] args) {

// TODO code application logic here

Scanner input = new Scanner(System.in);

int num = input.nextInt();

switch(num){

case 1 :

System.out.println("sunday");

break;

case 2 :

System.out.println("monday");

break;

case 3 :

System.out.println("tuesday");

break;

case 4 :

System.out.println("wednesday");

break;

case 5:

System.out.println("thursday");

break;

case 6 :

System.out.println("friday");

break;

case 7:

System.out.println("saturday");

break;

default:

System.out.println("invalid week day ");

}

}

}