import java.util.Scanner;

public class Lab1 {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.print("Enter a number : ");

int num = input.nextInt();

int Thursday = 0;

if (num < 0) {

System.out.println("Invalid input. Please enter a positive integer.");

return;

}

switch((5+num)%7){

case 0: {

System.out.println("The weekday is Sunday");

break;

}

case 1: {

System.out.println("The weekday is Monday");

break;

}

case 2: {

System.out.println("The weekday is Tuesday");

break;

}

case 3: {

System.out.println("The weekday is Wednesday");

break;

}

case 4: {

System.out.println("The weekday is Thursday");

break;

}

case 5: {

System.out.println("The weekday is Friday");

break;

}

case 6: {

System.out.println("The weekday is Saturday");

break;

}

default:{

System.out.println("Invalid Input");

}

}

}

}

