import java.util.\*;

public class test {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

System.out.println("Choose from the menu: ");

System.out.println("1.Print your name over and over ");

System.out.println("2.Print the date ");

System.out.println("3.Check if the number is even or odd ");

System.out.println("4.Add tow numbers ");

int x = in.nextInt();

switch (x){

case 1:

printName(); //void method with no parameters

break;

case 2:

date(); //void method with no parameters

break;

case 3:

System.out.println("Enter the number ");

int y = in.nextInt();

printNum(y); //void method with one parameters

break;

case 4:

System.out.println("Enter tow numbers: ");

int num1 = in.nextInt();

int num2 = in.nextInt();

int sum = sum(num1,num2); //return mrthod with tow parameters

System.out.println("The sum is: " + sum);

break;

default:

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

}

}// end main

public static void printName(){

Scanner console = new Scanner(System.in);

boolean flag = true;

while(flag){

System.out.println("Enter your name");

String s = console.next();

if(s.equals("-1"))

flag = false;

}

}// end printName

public static void date(){

Scanner console = new Scanner(System.in);

int x,y,z;

System.out.println("Enter the day: ");

x = console.nextInt();

if ((x>=1) && (x<=31)){

System.out.println("Enter the month");

y = console.nextInt();

if ((y>=1) && (y<=12)){

System.out.println("Enter the year");

z = console.nextInt();

System.out.println("the date is: " + x + "/" + y + "/" + z);

}else

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

}else

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

}// end date

public static void printNum(int e){

if((e%2) == 0)

System.out.println("The number " + e + " is even");

else

System.out.println("The number " + e + " is odd");

}// end printNum

public static int sum(int nm1,int nm2){

return nm1+nm2;

}// end sum

}// end class test