**2,.)There is infinite line of black and white balls in alternate positions as shown below. In 1st position there is a black ball and in 2nd position there is white ball and so on... Develop a java program that accepts a number print the color of the ball at that position**

**import** java.util.Scanner;

**public** **class** SearchBall {

**public** **static** **void** main(String[] args) {

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("Enter the position of ball=");

**int** n=s.nextInt();

**if**(n%2==0)

{

System.***out***.println("Color of ball is white");

}

**else**

{

System.***out***.println("Color of ball is black");

}

}

}

OUTPUT:

Graphical user interface, application

Description automatically generated