2.false,true,false,true,false,true,false,false.

4. yes

6. no

8.if, else if, else

10.true

12. inside true block end of sequence

14. String is not hello. End of sequence

18. letter 2

22. if (a==true){

a=false;

}else if (a==false){

a=true;}

24. if (a==true){

b++;}

else {

System.out.println(a);}

28. if (a == true){

if (b > 10){

c++;

System.out.println(b+c);

}}

30. if (b>5 || c>5){

a=true;}

else{

a=false;}

32. && and not AND

34. if (b1==true)

36. instead of else b1 is false it should be else if. And the last else if it should be just else.

38. if (b2==true)

40. if (a==31)