Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ APCS A (Worksheet on If)

**Show the output of each block of code below.**

1.

**OUTPUT**

int i=3;

if(i<10)

 System.out.println("hello");

System.out.println("goodbye");

2.

**OUTPUT**

int i=13;

if(i<10)

 System.out.println("hello");

System.out.println("goodbye");

3.

**OUTPUT**

int i=3, j=14;

if(i<10)

 System.out.println("hello");

if(j>10)

 System.out.println("howdy");

System.out.println("goodbye");

4.

**OUTPUT**

int i=3, j=14;

if(i<10)

 System.out.println("hello");

if(j<10)

 System.out.println("howdy");

System.out.println("goodbye");

5.

**OUTPUT**

int i=37;

if(i<10)

 System.out.println("hello");

if(i>10)

 System.out.println("goodbye");

**Show the output of each block of code below.**

6.

**OUTPUT**

int i=3;

if(i<10)

 System.out.println("hello");

else

 System.out.println("goodbye");

7.

**OUTPUT**

int x=13;

if(x<10)

 System.out.println("hello");

else

 System.out.println("goodbye");

**OUTPUT**

8.

int a=3, b=14;

if(a<10)

 System.out.println("hello");

if(b>10)

 System.out.println("howdy");

else

 System.out.println("whoot");

9.

**OUTPUT**

int c=3, d=14;

if(c<10)

{

 System.out.println("hello");

 if(d<10)

 System.out.println("howdy");

 else

 System.out.println("goodbye");

}

10.

**OUTPUT**

int j=37;

if(j>10)

 if(j>20)

 if(j>30)

 System.out.println("goodbye");

 else

 System.out.println("whoot");