Loops Worksheet

16. do

{

System.out.println(“Enter a positive number”);

num = keyboard.nextInt();

}

while(num<0);

17. do

{

System.out.println(“Enter a even number”);

evenNum = keyboard.nextInt();

}

while (evenNum%2 !=0);

18. System.out.println(“Enter a number”);

sentNum = keyboard.nextInt();

while (sentNum != SENTINEL)

{

System.out.println(sentNum);

System.out.println(“Enter a number”);

sentNum = keyboard.nextInt();

}

19. combined = 1;

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

productNum = keyboard.nextInt();

while (productNum != 0)

{

combined \*= productNum;

System.out.print ("Enter another number");

productNum = keyboard.nextInt();

}

System.out.println ("Product: " +combined);

20. for (int sumNum=1; sumNum <= 99; sumNum+=2)

System.out.println (sumNum);

21. for (int multipleNum=300; multipleNum >= 3; multipleNum-=3)

System.out.println (multipleNum);

22. for (int highLow=LOW; highLow <= HIGH; highLow++)

if (highLow%4 == 0 && highLow%5 != 0)

System.out.println (highLow);

23. for (int numVal=1; numVal <= number; numVal++)

if (number%numVal == 0)

System.out.println (numVal);

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

minMax = keyboard.nextInt();

lowest = highest = minMax;

for (int number=2; number <= 10; number++)

{

System.out.print ("Enter another number ");

minMax = keyboard.nextInt();

if (minMax < lowest)

lowest = minMax;

if (minMax > highest)

highest = minMax;

}

System.out.println ("Lowest: " +lowest);

System.out.println ("Highest: " +highest);