**Java**

**For Loop Hand Tracing #1**

// \*\*\*\*\* 1 \*\*\*\*\*

**Output:**

{

for (int i = 3; i <= 7; i++)

{

System.out.print(i + " ");

}

System.out.println();

}

// \*\*\*\*\* 2 \*\*\*\*\*

**Output:**

{

for (int i = 10; i >= 6; i--)

{

System.out.print(i + " ");

}

System.out.println();

}

// \*\*\*\*\* 3 \*\*\*\*\*

**Output:**

{

int sum = 0;

for (int i = 3; i < 12; i = i + 3)

{

sum = sum + i;

}

System.out.println(sum);

}

// \*\*\*\*\* 4 \*\*\*\*\*

**Output:**

{

String string1 = "boat";

String string2 = "";

for (int i = 0; i < string1.length(); i++)

{

string2 = string1.substring(i, i + 1) + string1;

}

System.out.println(string2);

}

// \*\*\*\*\* 5 \*\*\*\*\*

**Output:**

{

String string3 = "camelCase";

for (int i = string3.length(); string3.length() > 2; i -= 2)

{

string3 = string3.substring(0, i);

}

System.out.println(string3);

}

// \*\*\*\*\* 6 \*\*\*\*\*

**Output:**

{

String string3 = "camelCases";

for (int i = string3.length(); string3.length() > 2; i -= 2)

{

string3 = string3.substring(0, i);

}

System.out.println(string3);

}

//\*\*\*\*\* 7 \*\*\*\*\*

**Output:**

{

int count = 0;

for (int i = 8; i >=5; i--)

{

for (int j = 2; j <= 6; j++)

{

count++;

}

}

System.out.println(count);

}

//\*\*\*\*\* 8 \*\*\*\*\*

**Output:**

{

for (int i = 2; i < 6; i = i + 1)

{

for (int j = 10; j >= 9; j--)

{

System.out.print(i + " " + j + " ");

}

}

System.out.println();

}