

## Practice Problems 4.4

### Answer Sheet

For the problems provided, enter the code snippet below. You need only submit the part of the code that is in the main method.

- 1) `int x = 0;`

```
while (x < 5) {  
    System.out.println("Hello There");  
    x++;  
}
```

---

- 2) `int x = 0;`

```
do {  
    System.out.println("Hello There");  
    x++;  
}  
while (x < 5);
```

---

- 3) `for (int x = 0; x < 5; x++)`  
    `System.out.println("Hello There");`
- 

- 4) `Scanner scnr = new Scanner(System.in);`

```
System.out.print("Enter a number: ");  
int x = scnr.nextInt();
```

```
System.out.println();
```

```
while (0 < x) {  
    System.out.println("Hello There");  
    x--;  
}
```

---

- 5) `Scanner scnr = new Scanner(System.in);`  
    `System.out.print("Enter a number: ");`

```
for (int x = scnr.nextInt(); 0 < x; x--)  
    System.out.println("Hello There");
```

---

6) Scanner scnr = new Scanner(System.in);

```
System.out.print("Enter a number: ");  
int x = scnr.nextInt();
```

```
do {  
    System.out.println("Hello There");  
    x--;  
}  
while (0 < x);
```

---

7) Scanner scnr = new Scanner(System.in);

```
System.out.print("Enter an integer: ");  
int x = scnr.nextInt();
```

```
while (x != 7) {  
    System.out.print("Enter an integer: ");  
    x = scnr.nextInt();  
}
```

---

8) Scanner scnr = new Scanner(System.in);

```
int x;
```

```
do {  
    System.out.print("Enter an integer: ");  
    x = scnr.nextInt();  
}  
while (x != 8);
```