



# INPUT VALIDATION AND CONDITIONALS

Dan Bonarigo, Riverside Brookfield High School, Riverside, IL



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# INPUT VALIDATION AND CONDITIONALS

## CODE SEGMENTS AND OUTPUT

Read each code segment and write the output.

### CODE SEGMENT 1

```
var1 ← 6
var2 ← 10
var3 ← 5
var4 ← 3
IF (var1 < var2) {
    DISPLAY "Correct!"
}
IF (var3 > var4) {
    DISPLAY "This is also correct!"
}
```

---

CODE SEGMENT 1 OUTPUT (write answer below)

### CODE SEGMENT 2

```
var1 ← 7
var2 ← 4
IF (var1 < var2){
    DISPLAY "Wrong!"
}
ELSE {
    DISPLAY "That was wrong!"
}
```

---

CODE SEGMENT 2 OUTPUT (write answer below)



### CODE SEGMENT 3

```
var1 ← 5
var2 ← 9
var3 ← 2
IF (var1 < var2) {
  DISPLAY "True statement!"
}
ELSE-IF (var3 < var1) {
  DISPLAY "Also true."
}
```

---

CODE SEGMENT 3 OUTPUT (write answer below)

### CODE SEGMENT 4

```
var1 ← 3
var2 ← 8
var3 ← 5
IF (var1 < var2) {
  DISPLAY "Correct!"
}
IF (var3 < var2) {
  DISPLAY "Also correct!"
}
```

---

CODE SEGMENT 4 OUTPUT (write answer below)

### CODE SEGMENT 5

```
var1 ← 5
```



```
var2 ← 8
var3 ← 6
IF (var1 > var2) {
  DISPLAY "This is incorrect"
}
ELSE-IF (var3 > var2) {
  DISPLAY "Not true!"
}
ELSE {
  DISPLAY "Neither were true"
}
```

---

CODE SEGMENT 5 OUTPUT (write answer below)

#### CODE SEGMENT 6

```
var1 ← 6
var2 ← 2
var3 ← 3
var4 ← 5
IF (var1 < var2) {
  DISPLAY "This is a true statement"
}
IF (var3 < var4) {
  DISPLAY "This is another true statement"
}
}
```

---

CODE SEGMENT 6 OUTPUT (write answer below)

#### CODE SEGMENT 7

```
var1 ← 7
var2 ← 4
var3 ← 10
var4 ← 6
IF (var1 > var2) {
```



```
DISPLAY "Seven is greater"  
IF (var3 > var4) {  
  DISPLAY "Ten is also greater"  
}  
}  
ELSE {  
  DISPLAY "Neither of those is true"  
}
```

---

CODE SEGMENT 7 OUTPUT (write answer below)

#### WHAT TO SUBMIT

Students should turn in their paper for grading and/or verification of completion. Teachers should use this as an opportunity for formative assessment to verify students correct understanding of the conditional statements.

