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**Assignment:** Week 1 Day 2

**Exercise By Hand**

**Question 1:**

socialSecurityStatus = age >65? "eligible" : "ineligible";

**Question 2:**

1. The value of the expression s.charAt(2) is ‘f’;
2. The value of s.length() is 15.
3. The value of s.substring(2,9) is “friendl”. The value of s.substring(4) is “Iendly face”.

**Question 3:**

1. double A = Math.PI \* Math.Pow(r, 2);
2. double diag = Math.sqrt((len \* len) + (wid \* wid));

**Question 4:**

This statement is legal and value of a is 5. The calculation is done from right to left, so first b is assigned the value of 5, and then a is assigned the value of b, which is 5.