Quiz 5 – Functions

**1. Given the following code, what is the final value of i?**

**int i;**

**for (i = 0; i <= 4; i = i + 1)**

**{**

**cout << “Hello\n”;**

**}**

**a. 2**

**b. 3**

**c. 4**

**d. 5**

**2. What is wrong with the following for loop?**

**for (int i = 0; i < 10; i = i - 1)**

**{**

**cout << "Hello\n";**

**}**

**a. cannot use a for-loop for this**

**b. i is not initialized**

**c. infinite loop**

**d. off-by-one error**

**3. Given the following code, what is the final value of i?**

**int i,j;**

**for (i = 0; i <= 4; i = i + 1)**

**{**

**for (j = 0; j <= 3; j = j + 1)**

**{**

**if(i == 2)**

**break;**

**}**

**}**

**a. 1**

**b. 3**

**c. 4**

**d. 5**