1. Question 1

x = 1;  
**var** a = 5;  
**var** b = 10;  
**var** c = **function** (a, b, c) {  
 document.writeln(x); // undefined  
 document.writeln(a); // 8  
 **var** f = **function** (a, b, c) {  
 b = a;  
 document.writeln(b); // 8  
 b = c;  
 **var** x = 5;  
 }  
 f(a, b, c);  
 document.writeln(b); // 9  
 **var** x = 10;  
}  
  
c(8,9,10);  
document.writeln(b); // 10  
document.writeln(x); // 1

1. Question 2

**var** global = 10;  
**function** defineLocal() {  
 **var** local = 1;  
}

1. Question 3

a. No  
b. Yes  
c. No  
d. Yes  
e. Yes

1. Question 4

81  
25

1. Question 5

100

1. Question 7

Free variable in this example is 'counter'  
Free variable is the variable from outer scope that the inner scope can access

1. Question 9

Use IIFE technique