**Q1:**

**Int foo(int y, int x)**

**{**

**If(x == 1) // termination condition 1**

**Return y;**

**Else if(x == y) // termination condition 2**

**Return 1;**

**Else // recursive case**

**Return( foo(y-1, x-1) + 4\*for(y-1, x));**

**}**