Quiz 4

Name:

Class/Section:

Attempt two given questions:  
  
Q: 1. Read the code carefully  
and perform the following tasks:                  
  
  
a.        
Draw Control Flow Graph for the given code  
  
  
b.       
Highlight all regions in the flow graph  
separately  
  
  
c.        
Using cyclomatic complexity formula,  
calculate number of basis path tests.  
  
Show  
path of each basis path test separately.  
  
  
**while(x<100)**  
**{**  
**if(a[x]%2==0)**  
**{   parity=0; }**  
**else**  
**{   parity=1;   
}**  
**switch(parity)**  
**{   case 0:**  
**cout<<”even”;**  
**case1:**  
**cout<<”odd”**  
**default:**  
**cout<<”invalid data”;**  
**}**  
**x++;**  
**}       p=true;**  
  
  
**Note: Upload handwritten scanned solutions.**

**Q: 2**

