

1、给定下面的程序段，要求用白盒测试法对其进行测试。依据判定覆盖、条件组合覆盖 2 种覆盖标准，请首先绘制流程图，然后设计出 2 组满足相应覆盖标准的“最小”的测试用例集。（共 10 分）

```
void MyFunc(int x, int y, int z, int &j, int k) {  
  
    j=k=0;  
  
    if( (x>3) && (z<10))    k=x*y-1;  
  
    else if ((x==4) || (y>5))    j=x*y+10;  
  
    k=k%3;  
  
}
```

1、给定下面的程序段，要求用白盒测试法对其进行测试。首先绘制代码对应的控制流图，然后分别给出满足下面覆盖标准的“测试路径”。

- (1) 点/边覆盖；
- (2) 边对覆盖；
- (3) 主路径覆盖。

```
public static void computeStats (int [ ] numbers)
{
    int length = numbers.length;
    double med, var, sd, mean, sum, varsum;

    sum = 0;
    for (int i = 0; i < length; i++)
    {
        sum += numbers [ i ];
    }
    med  = numbers [ length / 2];
    mean = sum / (double) length;

    varsum = 0;
    for (int i = 0; i < length; i++)
    {
        varsum = varsum + ((numbers [ i ] - mean) * (numbers [ i ] - mean));
    }
    var = varsum / ( length - 1.0 );
    sd  = Math.sqrt ( var );

    System.out.println ("length:          " + length);
    System.out.println ("mean:          " + mean);
    System.out.println ("median:        " + med);
    System.out.println ("variance:      " + var);
    System.out.println ("standard deviation: " + sd);
}
```