```
take 2 array.
1 that contains the regions(b[]). othar contains the original imagea(a[]).

take each region
start from (1,1)
find out the (i,j)th position in b[],that contains pixel value 257. now goto the
(i,j)th position of a[]. take the whole region.

calculate the avg pixel value of each region.
if avg >= 245 && avg <=255  //black region
{
        p=find any pixel in region of b[](x,y)
        for i=1 to row
        {
          for j=1 to col
          {
                if b[i][j]=257
                {
                    if j<y
                      p=(i,j) //the left most point of the region
          }
        }

        p1= one of the 4 neighbor of p which is black
        p2= another 4 neighbor which is black
        mark visited pixel
        d=euclidean distance of p1 p2.
        do
        {
                p1= one of the 4 neighbor of p1which is black and not visited
                p2= another 4 neighbor which is black
                mark visited pixel
                d=euclidean distance of p1 p2.
                if d1>d
                d=d1  //vertival length
        }
        find the horizontal length dd
}
```