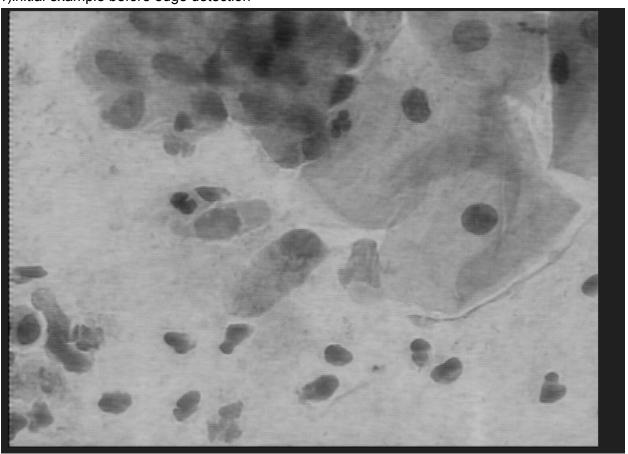
1)initial example before edge detection



```
[[ 0 0 2 ... 54 54 112]
[ 0 0 0 ... 37 26 20]
[ 0 0 0 ... 37 54 54]
...
[ 0 0 3 ... 9 9 12]
[ 0 0 1 ... 5 5 8]
[ 0 0 0 ... 0 0 0]]
```

Example After implementing sobel edge detection

Example result after dilation

```
[119 147 161 ... 0 0 0]

[119 147 161 ... 0 0 0]

...

[157 173 175 ... 0 0 0]

[149 165 169 ... 0 0 0]

[121 139 147 ... 0 0 0]
```

Example result after erosion