**Unitest report:**

Our Unitest is work on 3 functions:

Func CalcFruit(value#1,value #2, value #3)

Func Diameter(value #1)

Func SizeInPixels(value #1)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Note** | **number** | **Function** | **Value #1** | **Value #2** | **Value #3** | **Fail** | **Pass** | **explain** |
|  | 1 | CalcFruit | 46083 | 44161 | 8 | v |  | Because value #3 are work in range 1 to 5 ,and 8 are out of range |
| \*\* | 2 | CalcFruit | 46083 | 98555 | 2 |  | v | This func need to be fail because value#1 need to be >= from value#2 |
| \*\* | 3 | CalcFruit | 0 | 44161 | 2 |  | V | This func need to be fail because the formula (value#2\*100)/value#1  Division by zero |
|  | 4 | Diameter | 2 |  |  | V |  | This func failed because the value#1 have to be a image name |
|  | 5 | SizeInPixels | 2 |  |  | v |  | This func failed because the value#1 have to be a image name |
|  | 6 | CalcFruit | 46083 | B | 2 | V |  | Value#2 get char |
|  | 7 | Diameter | b |  |  | v |  | Value#1 need to get image name not a char |
|  | 8 | SizeInPixels | b |  |  | v |  | Value#1 need to get image name not a char |
|  | 7 | Diameter | ‘image.jpg’ |  |  | v |  | Can’t read image that not exist ,value#2 is not exist image |
|  | 8 | SizeInPixels | ‘image.jpg’ |  |  | v |  | Can’t read image that not exist ,value#2 is not exist image |

**problem number \*\*2:** problem solve by adding if condition to check first if value#1 is great or even from value#2.

**problem number #3:** problem solve by adding if condition to check if value#1 and value#2 are not zero