BLACK BOX TESTING

Black box testing refers to the type of testing in which the user can feed inputs into pieces of

Software and look at the output. These lasts are designed to ensure correct are being calculated

and displayed.

BLACK BOX TESTING:

INPUT

BLACK BOX

Types of black box testing:

* Equivalence partitioning
* Boundary value analysis
* Case effect graphing behavioural testing
* Random testing error guessing

1. Focus:

I/O Behaviour if for any given inputs we can predict the outputs then the module passes the test

2. Almost always impossible to generate all possible inputs

3. Goal:

* Reduce number of test cases by each equivalence partitioning
* Divided input conditions into equivalence classes
* Choose test cases for each equivalence classes

(Example: if an object is supposed to accept a negative number, listing one negative number is

enough)

if X=3 then………….

If X >=5 and X<5 then

4. Selection of equivalence classes

5. Input is valid across range of value. Select test case from 3 equivalence classes:

Are these complete?

* Below the range
* Within the range
* Above the range

6. Input is valid if is form a discrete set. Select test cases from 2 equivalence classes

* Valid discrete value
* Invalid discrete value.

Result:

Thus the program was executed successfully.