

## IIT- Tutorial Lab Week 13 – Software Testing

# Introduction

In this week's tutorial, we will start with the black box software testing framework. This is important preparation work for Week 14 final assignment.

## Part 1: Testing

For each of the following, add test data to the table to thoroughly test the program. **Give each test a unique description.** No two tests should have the same description and **avoid numbers in your descriptions.** Note that the number of rows in the table below is no indication on how many tests you should have. You may need more, you may need fewer. You must first work out the equivalence partitions, then type of data the program works with (ordinal vs. non-ordinal), then the boundaries and special cases, before you start filling in the table with the actual tests.

- a) Movie tickets cost \$5 for a child ( $<10$  years of age), \$10 for a teenager ( $10\text{yr} \leq \text{age} < 20\text{yr}$ ) and \$12 for an adult ( $\geq 20\text{yr}$ ).

[illegible]

