# SDV502 Unit Test Assignment 1

## Adult\_Before\_5\_Test()

This function takes one or more adults booking a movie before 5pm on any day besides Tuesday and in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one adult on Wednesday before 5 in 2D | 1, false, true, false | 14.5 | 14.5 |
| Return the total cost for three adults on Wednesday before 5 in 3D | 3, false, true, true | 46.5 | 46.5 |

## Adult\_After\_5\_Test()

This function takes one or more adults booking a movie after 5pm on any day besides Tuesday and in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one adult on Wednesday after 5 in 2D | 1, false, false, false | 17.5 | 17.5 |
| Return the total cost for three adults on Wednesday after 5 in 3D | 3, false, false, true | 55.5 | 55.5 |

## Adult\_Tuesday\_Test()

This function takes one or more adults booking a movie on Tuesday and in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one adult on Tuesday in 2D | 1, true, false, false | 13 | 13 |
| Return the total cost for three adults on Tuesday in 3D | 3, true, false, true | 46.5 | 46.5 |

## Child\_Under\_16\_Test()

This function takes one or more children booking a movie in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one child in 2D | 1, false | 12 | 12 |
| Return the total cost for three children in 3D | 3, true | 40.5 | 40.5 |

## Senior\_Test()

This function takes one or more seniors booking a movie in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one senior in 2D | 1, false | 12.5 | 12.5 |
| Return the total cost for three seniors in 3D | 3, true | 42 | 42 |

## Student\_Test()

This function takes one or more students booking a movie in 2D or 3D.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one student in 2D | 1, false | 14 | 14 |
| Return the total cost for three students in 3D | 3, true | 46.5 | 46.5 |

## Family\_Pass\_Test()

This function takes a family booking a movie in 2D or 3D as long as there are either 1 adult and 3 children or 2 adults and 2 children.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the cost for one family in 2D | 1, 3, false | 46 | 46 |
| Return the cost for one family in 3D | 2, 2, true | 53 | 53 |

## Chick\_Flick\_Thursday\_Test()

This function takes one or more adults purchasing a chick flick ticket.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the cost for one ticket in 2D | 1 | 21.5 | 21.5 |
| Return the cost for one family in 3D | 3 | 64.5 | 64.5 |

## Kids\_Carers\_Test()

This function takes one or more kids with their carer’s booking a movie on wednesday provided it isn’t a holiday.

**Getting total cost should**

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Test/Test Case | Input 1 | Expected | Actual v1 |
| Return the total cost for one kid with their carer on a Wednesday that isn’t a holiday | 1, “wednesday”, false | 12 | 12 |
| Return the total cost for three kids with their carers on a Wednesday that isn’t a holiday | 3, “wednesday”, false | 36 | 36 |