# Adult\_Before\_5()

Input: int pr\_quantity, string pr\_person, string pr\_day, decimal pr\_time, decimal expectedResult

Output: decimal result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | | |
| Status | **quantity** | **person** | **day** | **time** |
| Acceptable | >0 | adult | Monday,  Wednesday,  Thursday,  Friday,  Saturday,  Sunday | <0500 |
| Unacceptable | <=0 | student, family,  senior,  child | Tuesday | >=0500 |

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| Test Schedule | | | | | | | |
| Use Case | **quantity** | **person** | **day** | **time** | **expected** | **Result** |
| 1. 1 adult, normal, before 5 | 1 | Adult | Friday | 4 | 14.5 | Pass |
| 1. 2 adults, normal, at 5 | 2 | Adult | Monday | 5 | -1 | Pass |
| 1. 1 student, normal, before 5 | 1 | Student | Wednesday | 4 | -1 | Pass |
| 1. 3 adults, normal, before 5 | 3 | Adult | Thursday | 1 | 43.5 | Pass |
| 1. 1 adult, Tuesday, before 5 | 1 | Adult | Tuesday | 4 | -1 | Pass |

# Adult\_After\_5()

Input: int pr\_quantity, string pr\_person, string pr\_day, decimal pr\_time, decimal expectedResult

Output: decimal result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | | |
| Status | **quantity** | **person** | **day** | **time** |
| Acceptable | >0 | adult | Monday,  Wednesday,  Thursday,  Friday,  Saturday,  Sunday | >=5 |
| Unacceptable | <=0 | Student,  Family,  Senior,  child | Tuesday | <5 |

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| Test Schedule | | | | | | | |
| Use Case | **quantity** | **person** | **day** | **time** | **expected** | **Result** |
| 1. 1 adult, normal, after 5 | 1 | Adult | Monday | 5.30 | 17.5 | Pass |
| 1. 2 adults, normal, after 5 | 2 | Adult | Wednesday | 5 | 35 | Pass |
| 1. 1 adult, Tuesday, after 5 | 1 | Adult | Tuesday | 8.30 | -1 | Pass |
| 1. 1 adult, normal, before 5 | 1 | Adult | Friday | 3.30 | -1 | Pass |
| 1. 10 adults, normal, after 5 | 10 | Adult | Saturday | 7 | 175 | Pass |

# Adult\_Tuesday()

Input: int pr\_quantity, string pr\_person, string pr\_day, decimal expectedResult

Output: decimal result

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| --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | |
| Status | **quantity** | **person** | **day** |
| Acceptable | >0 | adult | Tuesday |
| Unacceptable | <=0 | Student,  Family,  Senior,  child | Monday,  Wednesday,  Thursday,  Friday,  Saturday,  Sunday |

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| Test Schedule | | | | | | |
| Use Case | **quantity** | **person** | **day** | **expected** | **Result** |
| 1. 1 adult, Tuesday | 1 | Adult | Tuesday | 13 | Pass |
| 1. 3 adults, Tuesday | 3 | Adult | Tuesday | 39 | Pass |
| 1. 1 adult, Wednesday | 1 | Adult | Wednesday | -1 | Pass |
| 1. 1 Senior, Tuesday | 1 | Senior | Tuesday | -1 | Pass |
| 1. 0 adult, Tuesday | 0 | Adult | Tuesday | -1 | Pass |

# Child\_Under\_16()

Input: int pr\_quantity, string pr\_person, decimal expectedResult

Output: decimal result

|  |  |  |
| --- | --- | --- |
| Equivalence Partitioning & Boundaries | | |
| Status | **quantity** | **person** |
| Acceptable | >0 | child |
| Unacceptable | <=0 | adult  Student,  Family,  Senior |

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| Test Schedule | | | | |
| Use Case | **quantity** | **Person** | **expected** | **Result** |
| 1. 1 child | 1 | Child | 12 | Pass |
| 1. 100 children | 100 | Child | 1200 | Pass |
| 1. 1 adult | 1 | Adult | -1 | Pass |
| 1. 1 student | 1 | Student | -1 | Pass |
| 1. 1 family | 1 | family | -1 | Pass |

# Senior()

Input: int pr\_quantity, string pr\_person, decimal expectedResult

Output: decimal result

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| --- | --- | --- |
| Equivalence Partitioning & Boundaries | | |
| Status | **quantity** | **person** |
| Acceptable | >0 | Senior |
| Unacceptable | <=0 | Adult  Student,  Family,  Child |

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| Test Schedule | | | | |
| Use Case | **quantity** | **person** | **expected** | **Result** |
| 1. 1 senior | 1 | Senior | 12.5 | Pass |
| 1. 50 seniors | 50 | Senior | 625 | Pass |
| 1. 1 adult | 1 | Adult | -1 | Pass |
| 1. 1 student | 1 | Student | -1 | Pass |
| 1. 0 senior | 0 | Senior | -1 | Pass |

# Student()

Input: int pr\_quantity, string pr\_person, decimal expectedResult

Output: decimal result

|  |  |  |
| --- | --- | --- |
| Equivalence Partitioning & Boundaries | | |
| Status | **quantity** | **person** |
| Acceptable | >0 | Student |
| Unacceptable | <=0 | Adult  Family,  Senior,  Child |

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| Test Schedule | | | | |
| Use Case | **quantity** | **person** | **expected** | **Result** |
| 1. 1 student | 1 | student | 14 | Pass |
| 1. 25 students | 25 | Student | 350 | Pass |
| 1. 5 adults | 5 | Adult | -1 | Pass |
| 1. 100 children | 100 | Child | -1 | Pass |
| 1. 3 families | 3 | family | -1 | Pass |

# Family\_Pass()

Input: int pr\_quantity\_ticket, int pr\_quantity\_adult, int pr\_quantity\_child, decimal expectedResult

Output: decimal result

|  |  |  |  |
| --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | |
| Status | **Quantity\_ticket** | **Quantity\_adult** | **Quantity\_child** |
| Acceptable | >0 | >0 | >1 |
| Unacceptable | <=0 | <=0 | <2 |

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| Test Schedule | | | | | |
| Use Case | **Quantity\_ticket** | **Quantity\_adult** | **Quantity\_child** | **expected** | **Result** |
| 1. 1 ticket, 2 adults, 2 children | 1 | 2 | 2 | 46 | Pass |
| 1. 1 ticket, 1 adult, 3 children | 1 | 1 | 3 | 46 | Pass |
| 1. 1 ticket, 1 adult, 1 child | 1 | 1 | 1 | -1 | Pass |
| 1. 1 ticket, 3 adults, 1 child | 1 | 3 | 1 | -1 | Pass |
| 1. 2 tickets, 4 adults, 4 children | 2 | 4 | 4 | -1 | Pass |

# Chick\_Flick\_Thursday()

Input: int pr\_quantity, string pr\_person, string pr\_day, decimal expectedResult

Output: decimal result

|  |  |  |  |
| --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | |
| Status | **quantity** | **person** | **day** |
| Acceptable | >0 | Adult | Thursday |
| Unacceptable | <=0 | Student,  Family,  Senior,  Child | Monday,  Tuesday,  Wednesday,  Friday,  Saturday,  Sunday |

|  |  |  |  |  |  |  |
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| Test Schedule | | | | | | |
| Use Case | **quantity** | **person** | **day** | **expected** | **Result** |
| 1. 1 adult, Thursday | 1 | Adult | Thursday |  |  |
| 1. 2 adults, Thursday | 2 | Adult | Thursday |  |  |
| 1. 1 adult, Wednesday | 1 | Adult | Wednesday |  |  |
| 1. 1 student, Thursday | 1 | Student | Thursday |  |  |
| 1. 1 child, Thursday | 1 | child | Thursday |  |  |

# Kids\_Careers()

Input: int pr\_quantity, string pr\_day, bool pr\_holiday, decimal expectedResult

Output: decimal result

|  |  |  |  |
| --- | --- | --- | --- |
| Equivalence Partitioning & Boundaries | | | |
| Status | **quantity** | **day** | **holiday** |
| Acceptable | >0 | Wednesday | False |
| Unacceptable | <=0 | Monday,  Tuesday,  Thursday,  Friday,  Saturday,  Sunday | True |

|  |  |  |  |  |  |  |
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| Test Schedule | | | | | | |
| Use Case | **quantity** | **person** | **day** | **time** | **expected** | **Result** |
|  |  |  |  |  |  |  |