|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | | Expected output | Output | Comments |
| Gender | Age |
| M | 66 | $50 | $50 | Testing basic inputs |
| F | 61 | $45 | $45 |
| MALE | 66 | $50 | $50 |
| FEMALE | 61 | $45 | $45 |
| m | 66 | $50 | $50 | Testing for capitalisation test |
| f | 61 | $45 | $45 |
| mAle | 66 | $50 | $50 |
| female | 61 | $45 | $45 |
| Bart | 66 | “Invalid gender” | “Invalid gender” | Testing likely invalid strings. Some with valid strings nested in |
| aMALEd | 66 | “Invalid gender” | “Invalid gender” |
| dFfs | 61 | “Invalid gender” | “Invalid gender” |
| Sadf | 61 | “Invalid gender” | “Invalid gender” |
| Male (whitespace) | 66 | “Invalid gender” | “Invalid gender” | Seeing how whitespace is dealt with |
| Ma le | 66 | “Invalid gender” | “Invalid gender” |
| M | 65 | $50 | $50 | Testing for proper pension |
| M | 70 | $70 | $70 |
| M | 64.999… | “You are beneath pensionable age” | $50 | Testing rounding. Also decimal input. When there are too many figures it rounds up. |
| M | 69.999… | $50 | $70 |
| F | 61 | $45 | $45 | Testing for proper calculation |
| F | 65 | $70 | $70 |
| F | 59.99 | “You are beneath pensionable age” | “You are beneath pensionable age” | Rounding again |
| F | 65.99 | $45 | $45 |
| M | 4543 | $70 | $70 | Very high integer |
| M | 3 | “You are beneath pensionable age” | “You are beneath pensionable age” | Low integer |
| M | -120 | “You are beneath pensionable age” | “You are beneath pensionable age” | Negative integer test |
| M | MALE | “That is not a valid age” | “That is not a valid age” | String |
| M | ad66a | “That is not a valid age” | “That is not a valid age” | String with valid input nested |
| M | 66asd | “That is not a valid age” | “That is not a valid age” |
| M | 1E403 | $70 | $70 | Out of bounds integer |
| M | -1E403 | “You are beneath pensionable age” | “You are beneath pensionable age" | Out of bounds negative integer |
| M | 0 | “You are beneath, pensionable age” | “You are beneath, pensionable age” | No exceptions for zero. |