Testing

Displaying the menu

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Actual number in range | “1” | Start enterNewAdvert(), show first menu | Starts enterNewAdvert(), asks for clientName in menu |
| Number to force stop menu | “0” | Shows goodbye message, closes down | Shows goodbye message, closes down |
| Single letter character | “a” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Double number characters | “11” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Double letter characters | “aa” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Number and letter combination | “1a” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Number then space | “1 “ | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Character then space | “a “ | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Symbol | “%” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Number then space then charcters | “1 choice” | Show error message, ask again for menu input | Show error message, ask again for menu input |
| Esc key | “ESC” | Ignore keypress | Ignore keypress |

Setting client name of advert

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid string input | “S Jones” | Value taken | Value taken |
| Blank string | “” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| String 30 chars long | “AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA” | Value taken | Value taken |
| String over 30 chars long | “AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Number | “1” | Value taken | Value taken |
| Symbol | “%” | Value taken | Value taken |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting type of advert

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 1 | Value taken | Value taken |
| Out-of-range int input | 0 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting position of advert

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 4 | Value taken | Value taken |
| Out-of-range int input | 5 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting height of advert

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 10 | Value taken | Value taken |
| Out-of-range int input | 14 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid-in range int input | 35 | Value taken | Value taken |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting width of advert

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| --- | --- | --- | --- |
| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 4 | Value taken | Value taken |
| Out-of-range int input | 6 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid in-range int input | 0 | Value taken | Value taken |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting artwork of advert

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| --- | --- | --- | --- |
| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 1 | Value taken | Value taken |
| Out-of-range int input | 6 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid in-range int input | 0 | Value taken | Value taken |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Setting reference number of advert

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| --- | --- | --- | --- |
| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid string input | “A123ED” | Value taken | Value taken |
| Blank string | “” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Invalid string input | “A12EED” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid string input | “C123ED” | Value taken | Value taken |
| Number | “1” | Value taken | Value taken |
| Symbol | “%” | Value taken | Value taken |
| ESC key | ESC | Ignore keypress | Ignore keypress |

When looking for file main.txt and agent.txt (start of options 2, 3 and 4)

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| --- | --- | --- | --- |
| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| Valid in-range int input | 1 | Value taken | Value taken |
| Out-of-range int input | 6 | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid in-range int input | 0 | Value taken | Value taken |
| Single char input | “a” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Valid int then space | “1 “ | Display error message, ask for re-entry | Display error message, ask for re-entry |
| More than one char | “aD” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| Symbol | “%” | Display error message, ask for re-entry | Display error message, ask for re-entry |
| ESC key | ESC | Ignore keypress | Ignore keypress |

Success of methods

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| **Description** | **Values / Input** | **Expected outcome** | **Actual outcome** |
| enterNewAdvert | valid inputs | New advert created, advert summary shown, info appended onto main.txt | New advert created, advert summary shown, info appended onto main.txt |
| displaySummaryofAdverts | valid input | Advert summary shown for file specified | Advert summary shown for file specified |
| displaySummaryforMonth | valid inputs | Advert summary shown for file, month specified | Advert summary shown for file, month specified |
| findAndDisplayAdverts | valid inputs | Summary shown for matching strings to input | Summary shown for matching strings to input, error occurs when println is executed when no line exists |