**TEST CASE**

**ON PAGE PROSPACE FACTORIAL (HOME)**

**http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/**

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| Test Scenario : | | Testing Function on Page Prospace Factorial (Home) | | | | | |
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| Test Case : | | Calt\_001 | | | | | |
| Date : | |  | | | | | |
| Test Case Description : | | Test Factorial in units numbers | | | | | |
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| Step | Step Details | | Test Data | Expected Result | Actual Result | Status | Comment |
| 1 | Go to Homepage of Prospace Factorial (http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/) | |  | 1. One Title :Prospace Fatorial Calculator 2. One Form : Enter Integer 3. One button Calculate 4. One Term and condition, privacy | As Expected | Success |  |
| 2 | Fill Form with units number | | 5 | Form will be filed with number | As Expected | Success |  |
| 3 | Click button Calculate | |  | The Result will be produce under the button calculate is The factorial of 5 is: 120 | As Expected | Success |  |

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| Test Case : | | Calt\_002 | | | | | |
| Date : | |  | | | | | |
| Test Case Description : | | Test Factorial in tens | | | | | |
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| Step | Step Details | | Test Data | Expected Result | Actual Result | Status | Comment |
| 1 | Go to Homepage of Prospace Factorial (http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/) | |  | 1. One Title :Prospace Fatorial Calculator 2. One Form : Enter Integer 3. One button Calculate 4. One Term and condition, privacy | As Expected | Success |  |
| 2 | Fill Form with units number | | 16 | Form will be filed with number | As Expected | Success |  |
| 3 | Click button Calculate | |  | The Result will be produce under the button calculate is The factorial of 16 is: 20922789888000 | As Expected | Success |  |

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| Test Case : | | Calt\_003 | | | | | |
| Date : | |  | | | | | |
| Test Case Description : | | Test Factorial in hundreds | | | | | |
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| Step | Step Details | | Test Data | Expected Result | Actual Result | Status | Comment |
| 1 | Go to Homepage of Prospace Factorial (http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/) | |  | 1. One Title :Prospace Fatorial Calculator 2. One Form : Enter Integer 3. One button Calculate 4. One Term and condition, privacy | As Expected | Success |  |
| 2 | Fill Form with units number | | 100 | Form will be filed with number | As Expected | Success |  |
| 3 | Click button Calculate | |  | The Result will be produce under the button calculate is The factorial of 100 is: 93326215443944152681699238856266700490715968264381621468592963895217599993229915608941463976156518286253697920827223758251185210916864000000000000000000000000 | The factorial of 100 is: 9.33262154439441e+157 | Success | It often happens in the numbers 21 and above and can not display the whole of the desired number |

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| Test Case : | | Calt\_004 | | | | | |
| Date : | |  | | | | | |
| Test Case Description : | | Test Factorial in thousands | | | | | |
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| Step | Step Details | | Test Data | Expected Result | Actual Result | Status | Comment |
| 1 | Go to Homepage of Prospace Factorial (http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/) | |  | 1. One Title :Prospace Fatorial Calculator 2. One Form : Enter Integer 3. One button Calculate 4. One Term and condition, privacy | As Expected | Success |  |
| 2 | Fill Form with units number | | 1000 | Form will be filed with number | As Expected | Success |  |
| 3 | Click button Calculate | |  | The Result will be produce under the button calculate is The factorial of 1000 is: 402387260077093773543702433923003985719374864210714632543799910429938512398629020592044208486969404800479988610197196058631666872994808558901323829669944590997424504087073759918823627727188732519779505950995276120874975462497043601418278094646496291056393887437886487337119181045825783647849977012476632889835955735432513185323958463075557409114262417474349347553428646576611667797396668820291207379143853719588249808126867838374559731746136085379534524221586593201928090878297308431392844403281231558611036976801357304216168747609675871348312025478589320767169132448426236131412508780208000261683151027341827977704784635868170164365024153691398281264810213092761244896359928705114964975419909342221566832572080821333186116811553615836546984046708975602900950537616475847728421889679646244945160765353408198901385442487984959953319101723355556602139450399736280750137837615307127761926849034352625200015888535147331611702103968175921510907788019393178114194545257223865541461062892187960223838971476088506276862967146674697562911234082439208160153780889893964518263243671616762179168909779911903754031274622289988005195444414282012187361745992642956581746628302955570299024324153181617210465832036786906117260158783520751516284225540265170483304226143974286933061690897968482590125458327168226458066526769958652682272807075781391858178889652208164348344825993266043367660176999612831860788386150279465955131156552036093988180612138558600301435694527224206344631797460594682573103790084024432438465657245014402821885252470935190620929023136493273497565513958720559654228749774011413346962715422845862377387538230483865688976461927383814900140767310446640259899490222221765904339901886018566526485061799702356193897017860040811889729918311021171229845901641921068884387121855646124960798722908519296819372388642614839657382291123125024186649353143970137428531926649875337218940694281434118520158014123344828015051399694290153483077644569099073152433278288269864602789864321139083506217095002597389863554277196742822248757586765752344220207573630569498825087968928162753848863396909959826280956121450994871701244516461260379029309120889086942028510640182154399457156805941872748998094254742173582401063677404595741785160829230135358081840096996372524230560855903700624271243416909004153690105933983835777939410970027753472000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000 | The factorial of 100 is: null | Success | It often happens in the numbers 170 and above and can not display the whole of the desired number |

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| Test Case : | | Calt\_005 | | | | | |
| Date : | |  | | | | | |
| Test Case Description : | | Test Factorial in alphabetics and symbol | | | | | |
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| Step | Step Details | | Test Data | Expected Result | Actual Result | Status | Comment |
| 1 | Go to Homepage of Prospace Factorial (http://z29vzcbmaw5kaw5nigzvcib5b3u.prospace.io/) | |  | 1. One Title :Prospace Fatorial Calculator 2. One Form : Enter Integer 3. One button Calculate 4. One Term and condition, privacy | As Expected | Success |  |
| 2 | Fill Form with units number | | A! | Form will be filed with number | As Expected | Success |  |
| 3 | Click button Calculate | |  | The Result will be produce under the button calculate is Please enter an integer | As Expected | Success |  |