

# Health Plan Program

## Black Box Test Plan

For each test case, fill out the inputs and expected results.

Test ID	Description	Expected Results	Actual Results
1	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): F Smoke (y,n): x Weight (lb): 150 Height (in): 65 Spouse Smokes (y, n): YES Spouse Weight (lb): 250 Spouse Height (in): 71	Monthly Health Plan Premium: \$685.00  Program Exits	Monthly Health Plan Premium: \$685.00  Program Exits
2	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): c Smoke (y,n): y Weight (lb): 200 Height (in): 70	Monthly Health Plan Premium: \$290.00  Program Exits	Monthly Health Plan Premium: \$290.00  Program Exits
3	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): x	Invalid health plan  Program Exits	Invalid health plan  Program Exits
4	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): E Smoke (y,n): y Weight (lb): 200 Height (in): -20	Invalid height  Program Exits	Invalid height  Program Exits

5	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): E Smoke (y,n): y Weight (lb): -159	Invalid weight Program Exits	Invalid weight Program Exits
6	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): F Smoke (y,n): x Weight (lb): 150 Height (in): 65 Spouse Smokes (y, n): YES Spouse Weight (lb): -120	Invalid weight Program Exits	Invalid weight Program Exits
7	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): F Smoke (y,n): x Weight (lb): 150 Height (in): 65 Spouse Smokes (y, n): YES Spouse Weight (lb): 250 Spouse Height (in): -25	Invalid height Program Exits	Invalid height Program Exits
8	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): c Smoke (y,n): yerse Weight (lb): 200 Height (in): 70	Monthly Health Plan Premium: \$290.00  Program Exits	Monthly Health Plan Premium: \$290.00  Program Exits
9	Health Plan (E-mployee, C-hildren, S-pouse, F-amily): 25	Invalid health plan Program Exits	Invalid health plan  Program Exits