Homework #6 Output

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ENGR 108

Matlab for Engineers, Third Edition

Problem 8.3

```
% a)
Meet_Temperature_Criterion =


     1
     3
     4


Do_Not_Meet_Temperature_Criterion =


     2
     5

% b)
Meet_Humidity_Criterion =


     1
     2
     3


Do_Not_Meet_Humidity_Criterion =


     4
     5

% c)
Meet_Pressure_Criterion =


     1
     2
     3
```

        5

        Do_Not_Meet_Pressure_Criterion =

            4

        % d)
        Passed_Batches =

            1
            3

        Failed_Batches =

            2
            4
            5

        % e)
        Failure_Rate =

            60

        Passing_Rate =

            40

Problem 8.12

        % Note: not every possible outcome is displayed

        Enter the outside air temperature in Fahrenheit: 90

        It's hot outside you should wear shorts today.

Problem 8.16

        % Note: not every possible outcome is displayed

        engineering_program =

            4

        Minimumn Number of Required Credits: 126.5

Problem 9.1

        The total is:
            413

```
sum_of_x =

   413
```

Problem 9.5

```
Columns 1 through 5

        6            15            35            77           143

Columns 6 through 10

      221           323           437           667           899

Columns 11 through 15

     1147          1517          1763          2021          2491

Columns 16 through 20

     3127          3599          4087          4757          5183

Columns 21 through 24

     5767          6557          7387          8633
```

Problem 9.14

```
The sequence did not converge in    10 iterations
At which point the value of the series is  -99.469
```

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