```matlab
%Using if..elseif..if to select one of several possibilities
height = input ('Enter height in inches: ')
```

height = 70

```matlab
weight = input ('Enter weight in pounds: ')
```

weight = 200

```matlab
BMI = 703*weight/height^2
```

BMI = 28.6939

```matlab
if BMI>30

    disp('Your weight classification is obese')

elseif BMI > 25  %no compound condition needed here - why not?

    disp('Your weight classification is overweight')

elseif BMI > 18.5

    disp('Your weight classification is normal')

else   %no condition here - why not?

    disp ('Your weight classification is underweight')
end
```

Your weight classification is overweight