# Assignment Number: 3.6

# Problem Statement:

The cost of sending of a package by express delivery service is $15 for the first two pounds, and $5 for each pound or fraction therof over two pounds. If the packet weighs more than 70 pounds, a $15 excess weight surcharge is added to the cost. No package over 100 pounds will be accepted. Write a programme that accepts the weight of a package in pounds and compute the cost of mailing the package.

# Inputs:

A variable named ‘weight’

# Outputs:

To find the cost.

# Pseudocode:

* Read the value entered into the variable weight.
* Calculate the cost of sending the mail.
* Display the cost.

# Program : mail\_co.m

% Script File: mail\_co

% Purpose: Determine the cost in sending the mail

% Record of Revision:

% Akash jaiswal 15/09/2015 Original

% Variable declaration

% Input Variables

% weight—the weight of the mail

% Output Variable

% cost—the dollars needed to send the mail.

%%

clc

clear all

close all

weight=input('Enter the weight of the mail: ');

if weight > 100

disp('Sorry! Excess weight');

elseif weight <= 2

cost=15.00;

disp(['The cost of sending your package is ',num2str(cost)]);

elseif weight > 2

cost=15.00+((weight-2)\*5.00);

disp(['The cost of sending your package is ',num2str(cost)]);

elseif weight > 70

cost=15.00+((weight-2)\*5.00)+15.00;

disp(['The cost of sending your package is ',num2str(cost)]);

end

# Test Results:

Enter the weight of the mail: 45

The cost of sending your package is 230