P1.

Write a m-code to create an output matrix Y which consists of only even numbers (in order) from the given input X.

For example,

Input X = [1, 2, …,10]

Output Y = [2, 4,…,10]

P2.

Given an integer *n*, write a m code to compute the following:



P3.

Plot  for , and find *t* that minimizes *f*(*t*).

P4.

Read data from Excel (PB4.xls) and write new values which are multiplied by 2 to the adjacent cells in the same Excel file.

|  |  |
| --- | --- |
| 1 | 2 |
| 2 | 4 |
| 3 | 6 |
| 4 | 8 |

P5.

Plot  for , and find *x* that maximizes *f*(*x*).

P6.

, calculate 