Advanced Math

Programming
Decisions:
If / Then Statements

If / Then

```
IF < condition >
Then
    [Do This if True
End
```

If / Then / Else

```
IF < condition >
Then
    [Do This if True
Else
    [Do This if False
End
```

Write a program named PYTHAGOR that will allow the user to solve for a missing side of a right triangle. The user may choose to solve for a leg or a hypotenuse.

```
1  ClrHome
2  Disp"SOLVE FOR"
3  Disp"1 - LEG"
4  Disp"2 - HYPOTENUSE"
5  Input M
6  If (M=1)
7  Then
8    prgmLEG
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```