

```
1 Problem 1:
2     >> spvol
3     Enter the Inner radius: 2
4     Enter the Outer radius: 4
5     The volume is 234.57
6
7 Problem 2:
8     >> echoname
9     Enter your name: James
10    Wow! Your name is James!!
11
12 Problem 3:
13     >> vec = input('Enter vector:')
14     Enter vector:[1:3; 4:6; 7:9]
15     vec =
16
17         1     2     3
18         4     5     6
19         7     8     9
20
21 Problem 4:
22     >> fprintf('x is %.2f\n',x)
23     x is 12.34
24
25     >> fprintf('x is %2.f\n',x)
26     x is 12
27
28     >> fprintf('y is %.1f\n',y)
29     y is 4.6
30
31     >> fprintf('y is %.1f    !\n',y)
32     y is 4.6    !
```