

Python Modules Exercise

1.	<p>Write a program “Python Module” name that as “mathfunc” that prints absolute value, square root, and cube of a numbers.</p> <p>Expected results:</p> <pre>>>> import mathfunc >>> mathfunc.abs(-5) 5 >>>mathfunc.sqrt(16) 4 >>>mathfunc.cube(2) 8</pre>
2.	What is DocString?
3.	What is Package?
4.	<p>Write a python module, name that as “comparator” that print weather number is even, odd, prime number, greater number</p> <p>Expected results:</p> <pre>>>> import comparator >>> comparator.iseven(5) False >>> comparator.isodd(5) True >>> comparator.prime(21) False >>> comparator.prime(23) True >>> comparator.greater(5,7) 7 is greater than 5</pre>
5.	<p>Write a menu driven program using python module, to perform calculator operations such as addition, subtracting, multiplication, division of two integers</p> <p>Expected results:</p> <pre>>>> import calculator >>> calculator.add(5,2) 7 >>> calculator.sub(5,2) 3 >>> calculator.mul(5,2) 10 >>> calculator.div(10,2) 5</pre>
6	Write a program to draw following pattern on the screen



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7.	<p>Write a program to draw following pattern on the screen</p> <pre> </pre>
8.	<p>Write a function called <code>printStatus</code> that is passed status code 'S', 'M', 'D', or 'U' and returns the string "Separated", "Married", "Divorced" or "Unmarried", respectively. In case an inappropriate letter is passed, print an appropriate message. Also include, a docstring with you function</p>

