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| 1. | Write a program “Python Module” name that as “**mathfunc”** that prints absolute value, square root, and cube of a numbers.  Expected results:  *>>> import mathfunc*  *>>> mathfunc.abs(-5)*  *5*  *>>>mathfunc.sqrt(16)*  *4*  *>>>mathfunc.cube(2)*  *8* |
| 2. | What is DocString? |
| 3. | What is Package? |
| 4. | Write a python module, name that as “**comparator”** that print weather number is even,odd, prime number, greater number  Expected results:  *>>> 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* |
| 5. | Write a menu driven program using python module, to perform calculator operations such as addition, subtracting, multiplication, division of two integers  Expected results:  >>> import calculator  >>> calculator.add(5,2)  7  >>> calculator.sub(5,2)  3  >>> calculator.mul(5,2)  10  >>> calculator.div(10,2)  5 |
| 6 | Write a program to draw following pattern on the screen  \*\*\*\*\*  ! !  ! !  ! !  ! !  \*\*\*\*\* |
| 7. | Write a program to draw following pattern on the screen  | | | | | |  |…|…|…|…|…|  | | | | | |  | | | | | |  | | | | | | |
| 8. | Write a function called **printStatus** 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 incude, a docstring with you function |