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| 1. Write a program to check whether a number is ODD or EVEN.   Test Data :   |  |  | | --- | --- | | **Expected Output:**  32 is a EVEN number | **Expected Output:**  133 is a ODD number | |
| 1. Generate all the ODD numbers from 1 to 100. |
| 1. Write a program to check whether a number is Prime or Not.   Test Data :   |  |  | | --- | --- | | **Expected Output:**  32 is a Not a Prime number | **Expected Output:**  17 is a Prime number | |
| 1. Generate all the Prime numbers from 1 to 100. |
| 1. Write a program to perform the following operation between two operands of integer type, the operation includes Addition, Subtraction, Division and Multiplication.   Test Data :   |  |  | | --- | --- | | **Expected Output:**  20 + 3 = 23  20-3 = 17  20 \* 3 = 60  20 /3 =6 | **Expected Output:**  20 + 0 = 20  20-0 = 20  20 \* 0 = 0  20 /0 = Undefined | |
| 1. Define a class Calculator which has the two integer members. Define add(), sub(), multi(), divi() , show() methods to perform Addition, Subtraction, Multiplication , Division and Display operations. [Don’t pass the parameter in the methods]. Create an object and call the methods in correct order. |
| 1. Define a class Calculator2 which has the two integer members. Define add(int,int), sub(int,int), multi(int,int), divi(int,int) , show() methods to perform Addition, Subtraction, Multiplication , Division and Display operations. Create an object and call the methods in correct order. |