1. Write a program to accept a number in the main method and print whether the number is even or odd, from a different method.
2. Write a program to accept a number in the main method and print whether the number is prime or not, from a different method.
3. Write a program to accept a number in the main method and print the Factorial of that number,
4. from a different method.
5. Write a program to accept a number in the main method and print the Reverse the digits, from a different method.
6. Write a program to accept any three-integer number and return the sum of three numbers
7. Write a program to create a class named 'star' containing following functions
   1. int isTriangle(int,int,int); will return 1 if the triangle can be formed with the three given sides
   2. void type Triangle(int,int,int): will print "Equilateral", "Isosceles" or "Scalene"
   3. void call(): Will input three sides of the triangle and print the triangle can be formed or not then the type of the triangle.
8. Write a program to create a class primefact, contains
   1. boolean isprime(int) // to find the value is prime or not
   2. void factor(int) // to find the prime factors of a value
   3. void show(int)//to accept a number and print the value's prime factors.
9. Write a program to create a class twinprime, contains
   1. boolean isprime(int) // to find the value is prime or not
   2. void show(int,int) //to accept two numbers and print all twin prime numbers among them.
10. Write a program to create a class palprime, contains
    1. boolean isprime(int) // to find the value is prime or not
    2. boolean ispalindrome(int) // to find the value is palindrome or not
    3. void show(int,int) //to accept two numbers and print all palprime numbers among them.
11. Write a program to create a class palprime, contains
    1. int digsum(int) // to find the digit sum of the value
    2. int maxdig(int) // to find the highest digit.
    3. int mindig(int) // to find the smallest digit.
    4. void show(int)//to accept a number and print sum of the digits, highest and lowest digit.
12. Write a program to create a class palindrome, contains
    1. int reverse(int) // to find the reverse digit
    2. boolean pal(int) // to find the number is palindrome or not.
    3. void show(int) //to accept a number and print all palindrome no's from 1 to that number.
13. Write a program to input ten numbers, and count how many are krishnamutry. (145-11+41+51) Use the following functions:
    1. inputs(): Inputs ten numbers from the user using keyboard, and count number of Krishnamurthy number…
    2. factorial(): Returns the factorial of a number.
    3. Krishnamurthy(): Checks if a number is Krishnamurthy.
14. Design a class data process with 3 functions
    1. Armstr() ---which checks whether entered number is Armstrong
    2. Palin()--- which checks the number is palindrome or not.
    3. display()-display the result
15. Write a program to print the result of following series: With 2 functions
    1. int Powe(int int) to calculate the power value (Do not use Math.pow())
    2. void Displ(int, int)-show the result
16. Define a class 'numMagic' with two methods revNum(int n) and digitSum(int n). The method
    1. revNum(int n) reverses the number passed as an argument for e.g. if then number is 346 it returns 643.
    2. digitSum(int n) returns the sum of the digits.
17. Write a program to create a class prime having the following methods
    1. int isprime(int)//check any no. is prime or not. If it is prime it will return 1 or 0
    2. void allPrimeNumbers(int)//print all prime no's below the limit
18. Write a program to create a class primePallindrome
    1. isPrime(int)//Check the no is prime or not
    2. opposite(int)//Reverse the number
    3. is palindrome(int)//check the no is palindrome or not
    4. allPalindromeno(int)//Print all prime palindrome no's form 1 to inputted number
19. Write a program to create a class twin prime using the following functions
    1. isPrime(//Check the no is prime or not
    2. alltwinprimeno(//print all twin prime no's from 1 to 100
20. Write a program to create a class perfect, having the following member functions
    1. sumoffactors(int)//return sum of all factors of any number, accept the number itself.
    2. isPerfect(int)//Checks any number is perfect or not. If it is perfect return true otherwise false
    3. allPerfectnos(//Print all single digit and double digit perfect nos.
21. Write a program to create a class heflem
    1. public static int heffint,int)//accept any two no's and calculate hef of this nos
    2. public static int lem(int,int)//accept any two no's and calculate lem of this nos