**Question 1: In how many types can we create functions? State the difference between those types by giving examples**

**Answer :**

1. Function Declaration
2. Function expression

**Function Declaration** – In function declaration you can called function even before it is created.

e.g. //function declaration

function add(a,b) {

console.log(a+b);

}

//calling function

add(2,3);

**Function Expression** – In function expression you cannot call function before declaration

e.g. //function expression

const add=function(a,b) {

console.log(a+b);

}

//calling function

Add(2,3);

**Question 2:Write a program to display the cube of the number upto given an integer.**

**Answer:**

let n = parseInt(prompt('Enter the number:'))

function cubeOfNumbers() {

    for (let i = 1; i <= 5; i++) {

      let result = i \* i \* i;

      console.log(result);

    }

  }

  cubeOfNumbers(6);

**Question 3: Write a program to display the n terms of odd natural number and their sum.**

**Answer :**

let sum =0;

let n = parseInt(prompt('Input number of terms is:'));

function oddNaturalNumbers() {

    for(i = 1; i<=n; i++) {

        sum+=2\*i-1;

    }

    console.log(sum);

}

oddNaturalNumbers()

**Question 4: WAP to print Nth prime number.(Input: 5, Output: 11, since 11 is the 5th prime number)**

**Answer:**

let n = parseInt(prompt('Enter the number:'));

const getNthPrime = (num) => {

  let count = 0;

  for (let i = 2; i < 1000; i++) {

    if (i % 2 !== 0) ++count;

    if (count === num) {

      return i;

    }

  }

}

console.log(getNthPrime(5));