Ques 1. Write a java program Add two Numbers.

Solution : -

import java.util.*;

public class add{

        public static void main(String [] args){   // Main method

        Scanner sc = new Scanner(system.in);   // to take user input

        system.out.println("Enter the first number");   // ask user to enter 1st number.

        int A = sc.nextInt();   // store the 1st number

        system.out.println("Enter the second number"); // ask user to enter the 2nd number

        Int B = sc.nextInt();   // store the 2nd number

        System.out.println(" The addition of two numbers is : " + (A+B)); // print output

        }

}

Ques 2. Write a java program Check Whether a Number is Even or Odd.

Solution :-

Import java.util.*;

Public class oddeven{

      public static void main(String [] args){

      Scanner sc = new Scanner(System.in);

      int N = sc.nextInt();

      if(N %2 ==0){

            system.out.printlm("the number is even);

      }

      else{

            system.out.println(" the number is odd");

      }

}

}

Ques 3. Write a java program Check if a given number is palindrome or not.

Solution : -

```
public Class palindrome{
public static void main( string[] args){
int r, sum, temp;              //declaring variables
int n= 343;                    // initializing a variable to check the palindrome number
temp = n;                      // storing the value of n in temp
while (n= 0){                   //
r= n%10;                       // to get the remainder
sum =  (sum*10) + r;
n = n/10;
}
If(temp==sum)
System.out.println(" it is a palindrome number");
else{
system.out.println("it is not a palindrome number");

}
}
```

Ques 4. Write a java program to find the sum of n natural numbers,

solution : -

public class NaturalNumbers{

public static void main(string[] args){

```
int i, num= 100, sum= 0;            // initializing variables

for( i = 1, i<=num; ++i)            // run loop until the condition return true
{
Sum = sum+ i;                       // adding value to i to sum variable
 }
System.out.println("sum of 100 natural numbers" is = " + sum); // print value of sum
}
}
```

Ques 5. Write a java program to Check Prime Number or not.

Solution : -

```java
import java.util.scanner;
public class Prime{
public static void main( string[]args){
Scanner sc = new scanner(system.in);              // creating scanner object
System.out.println(" Enter the number: ");        // print message to user
int n = sc.nextInt();                             // taking input from user
if(isPrime(in)){                                  // check the condition
system.out.println("n + " is a prime number");    // print the output
}
else{
system.out.println(n + "not a prime number")'
}
}
public static Boolean isPrime(int n){
if(n<=1){
return false;
}
for ( int i = 2; i<Math.sqrt(n); i++){
if( n%i==0) {
return false;
}
}
return true;
}
}
```