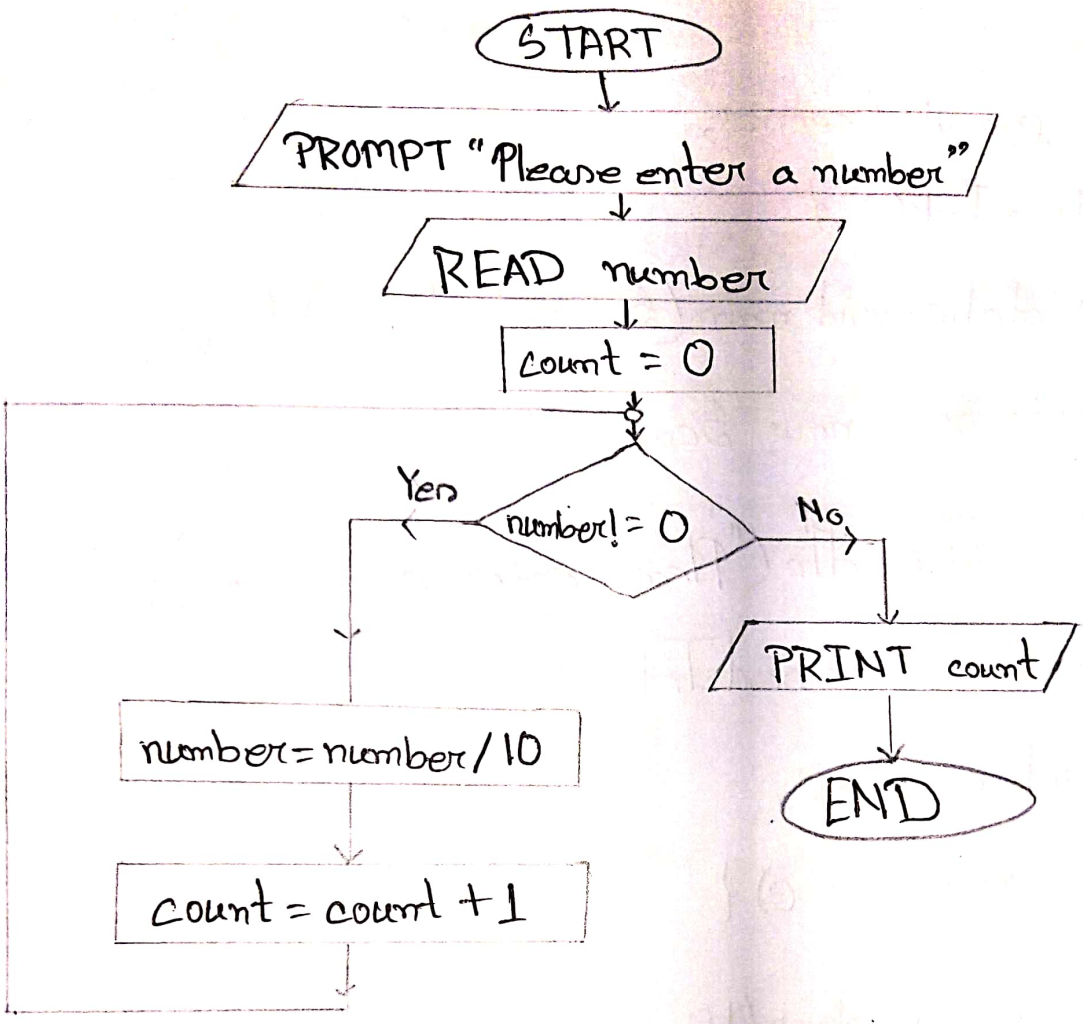
TASK 01:

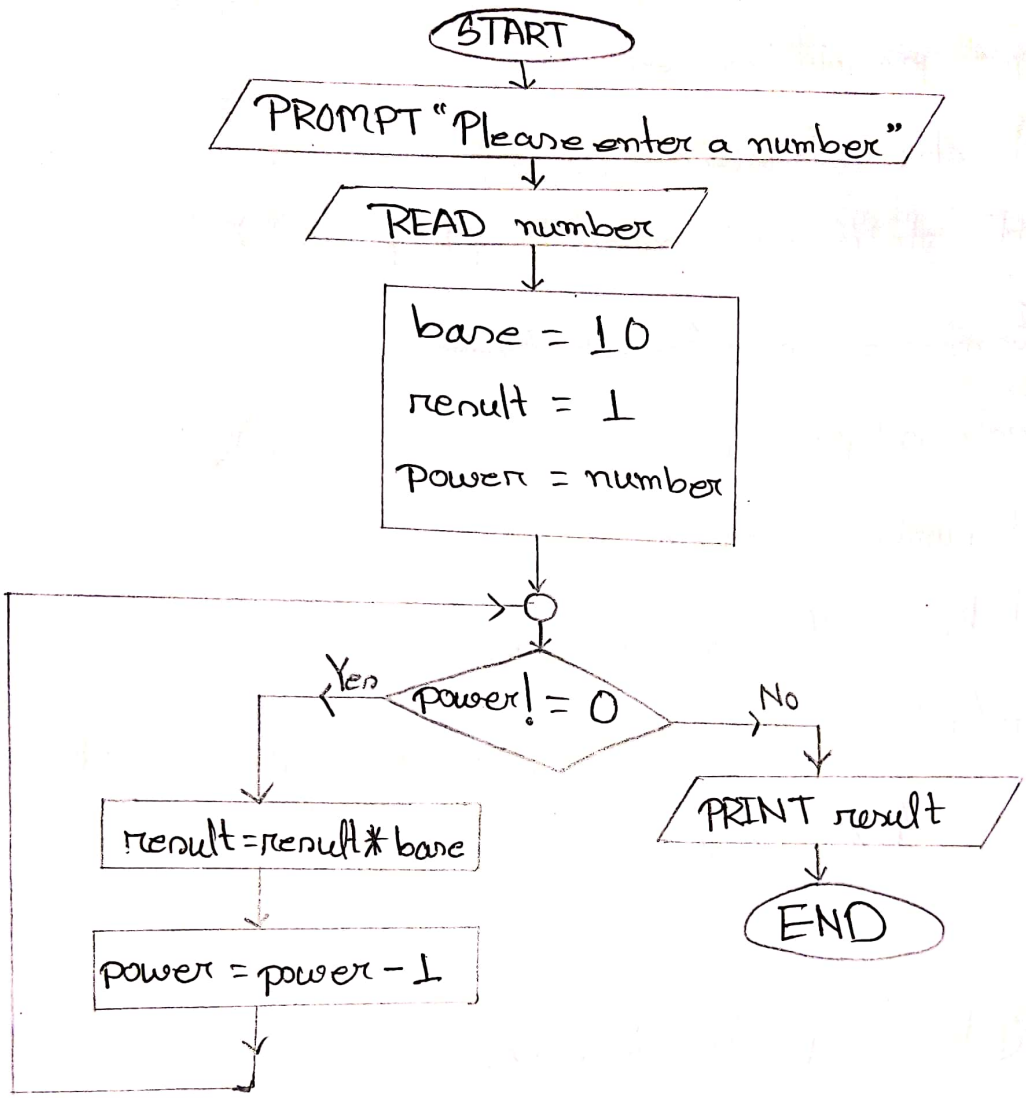
```
import java.util.Scanner;
public class Task01 {
  public static void main(String [ ] args){
    Scanner sc = new Scanner(System.in);
    System.out.println("Please enter a number");
    int number = sc.nextInt();
    ~~for~~int count =0;
    while(number!=0){
      number = number/10;
      count ++;
    }
    System.out.println(count);
}
}
```



TASK 02

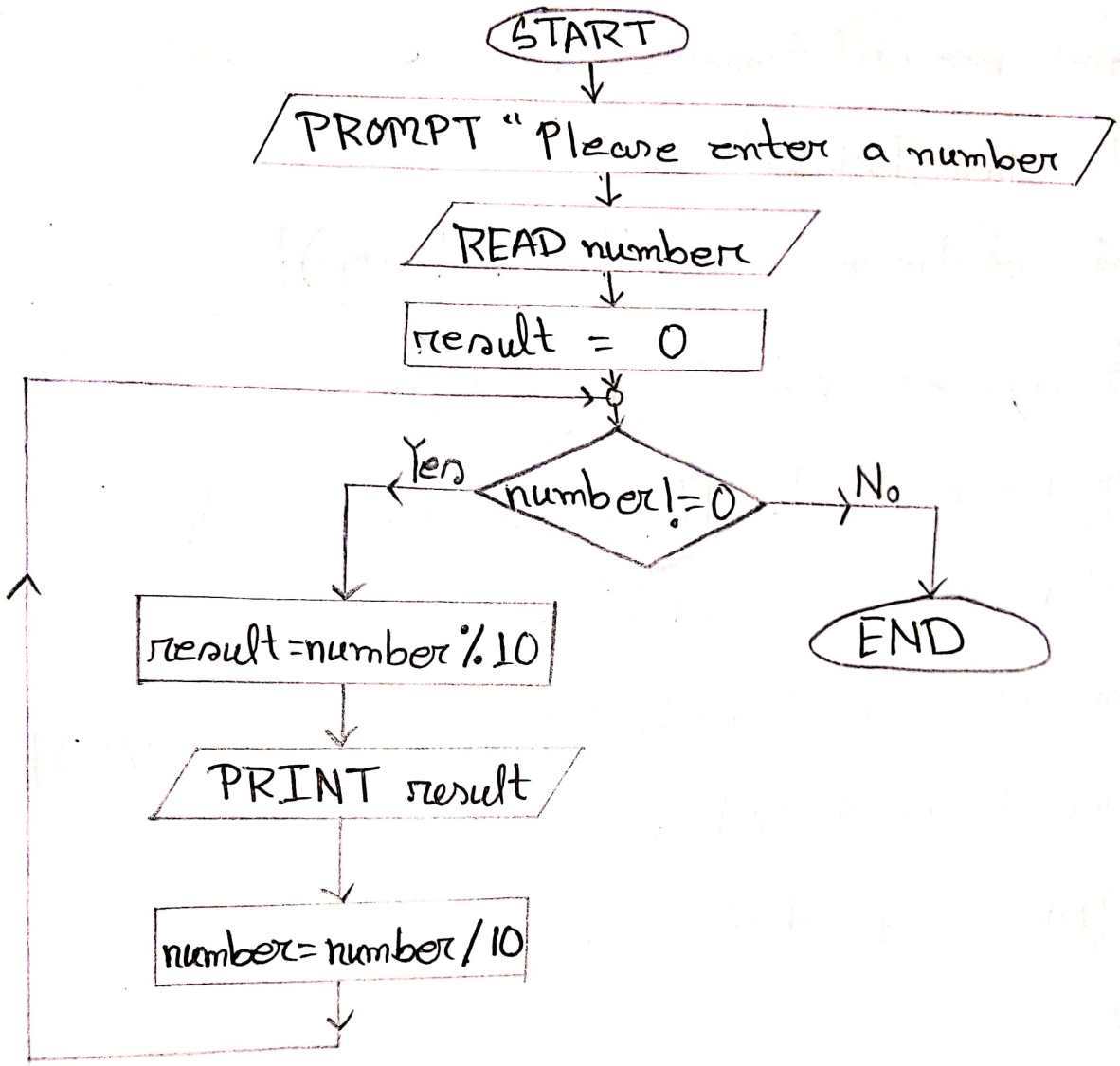
```
import java.util.Scanner;
public class Task02 {
 public static void main(String [ ] args) {
  Scanner sc = new Scanner (System.in);
  System.out.println("Please enter a number");
  int number = sc.nextInt( );
  int base = 10 , result = 1;
  for (int power = number; power != 0; power --){
     result * = base;
   }
  System.out.println(result);
 }
}
```

}



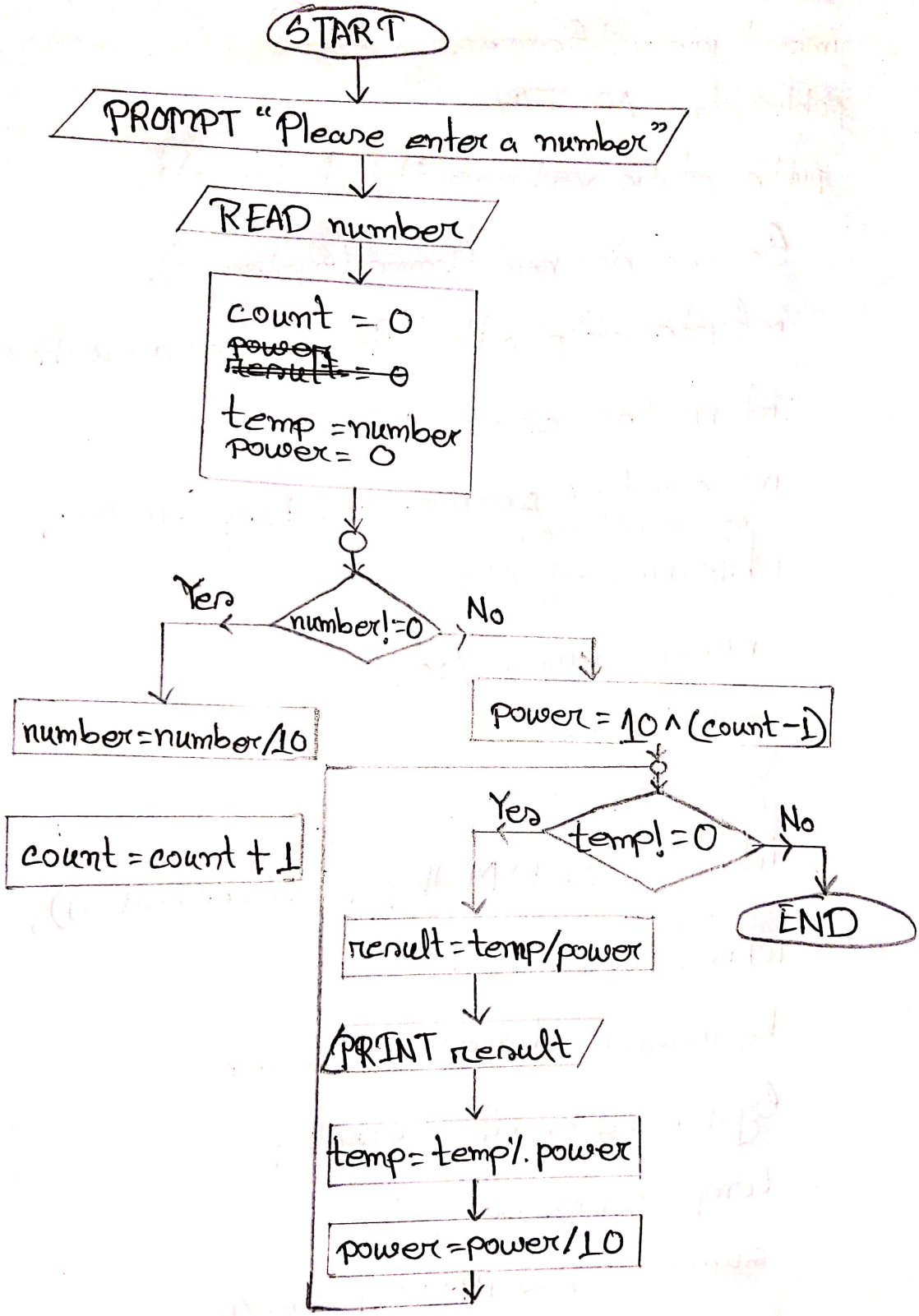
TASK 03

```
import java.util.Scanner;
public class Task03{
 public static void main(String[ ] args){
   Scanner sc = new Scanner(System.in);
   System.out.println("Please enter a number");
   int number = sc.nextInt( );
   for(int result = 0; number!=0; number=number/10){
    result = number % 10;
    System.out.println(result);
    }
  }
}
```



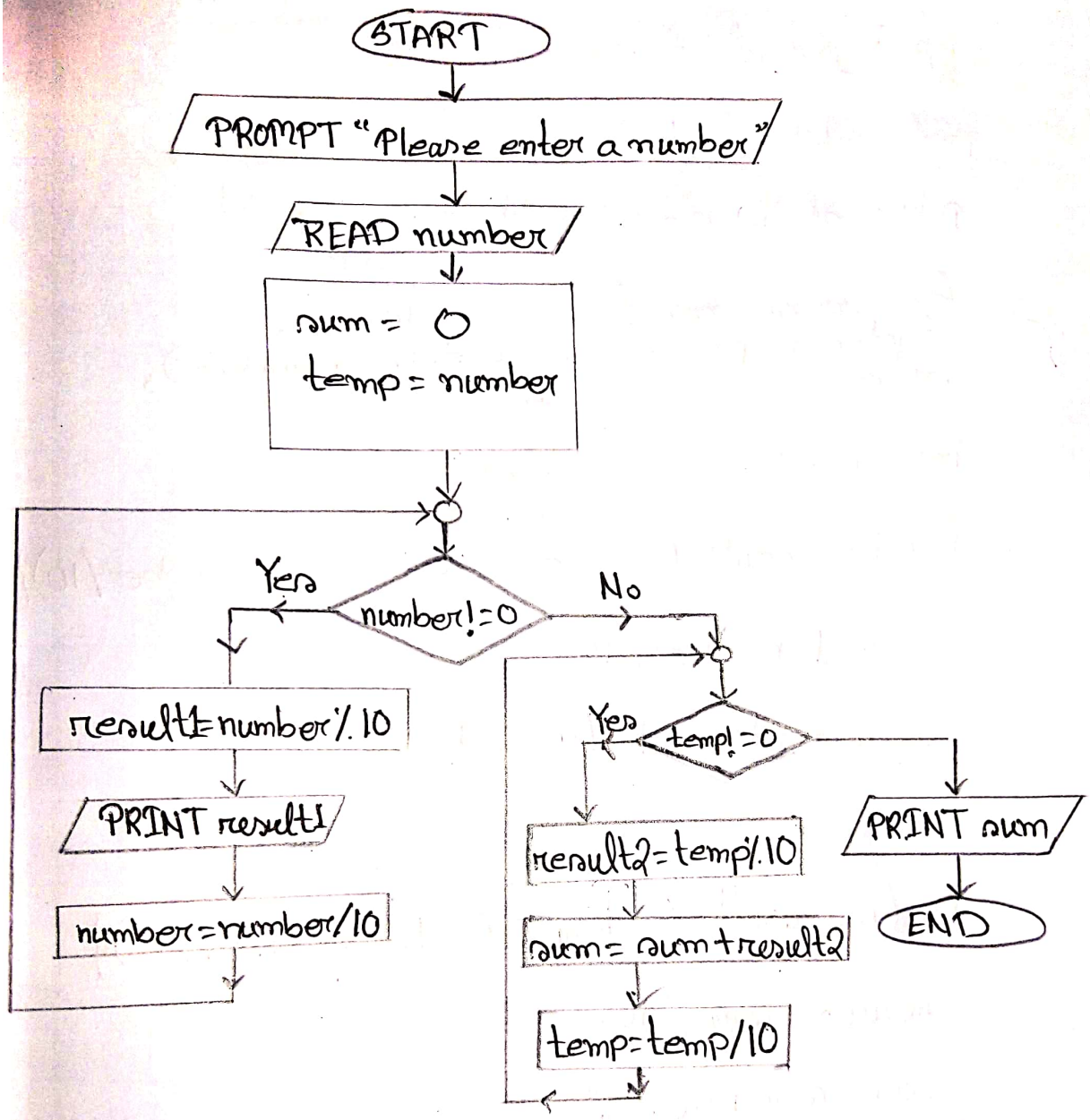
TASK04

```
import java.util.Scanner;
public class A2_T4{
 public static void main(String[] args){
    Scanner sc = new Scanner(System.in);
    System.out.println("Please enter a number");
    int number = sc.nextInt();
    int count =0, power=0, temp=number;
    while(number!=0){
      number=number/10;
      count++;
    }
    int power
    num = (int) Math.pow(10,(count-1));
    while(temp!=0){
    result = temp/power
    System.out.println(result);
    temp=temp%num;
    power=power/10;
    }
  }
}
```



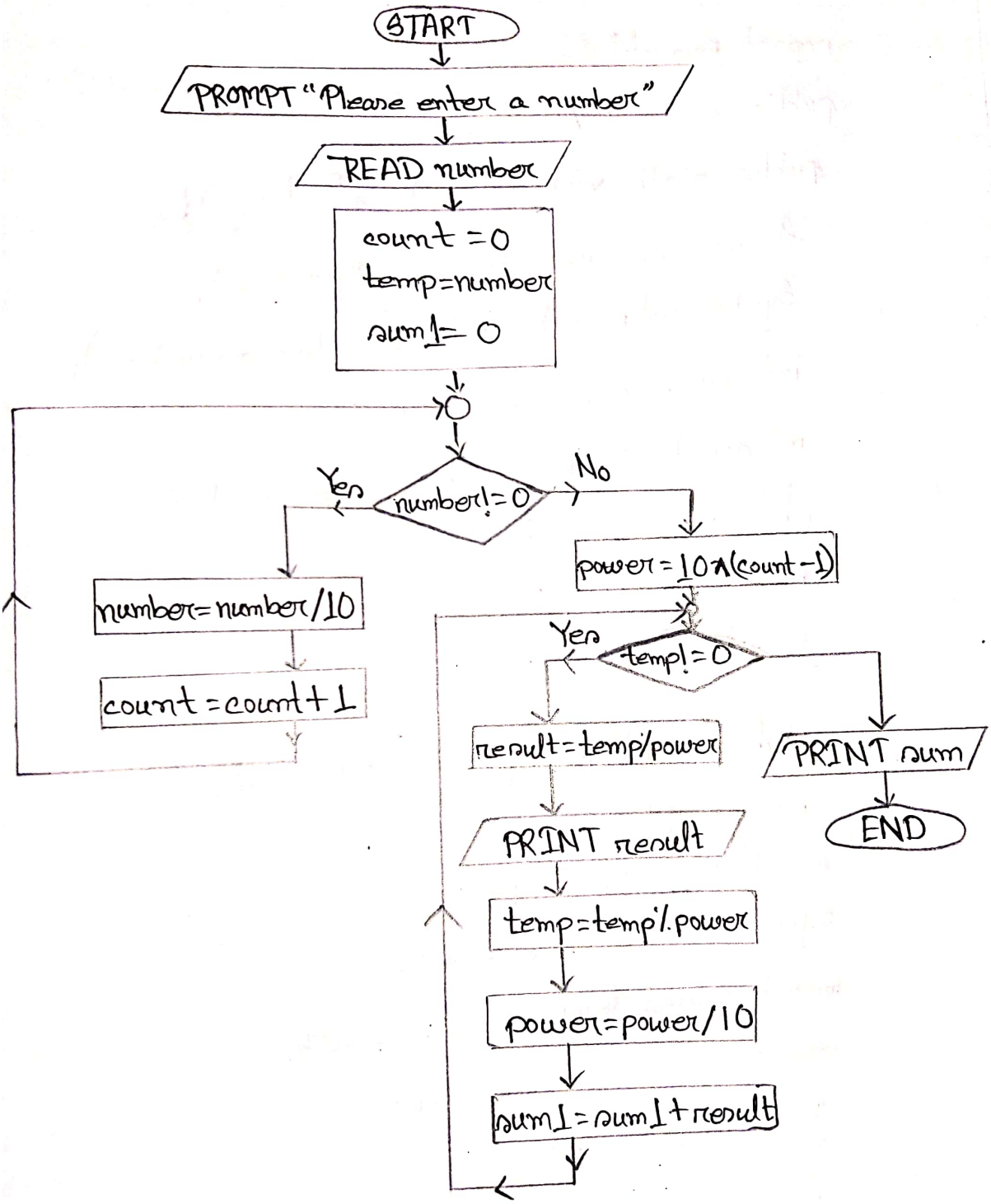
TASK 05

```
import java.util.Scanner;

public class Task05{
 public static void main(String [ ] args){

  Scanner sc = new Scanner (System.in);
  System.out.println("Please enter a number");
  int number = sc.nextInt( );

  int sum = 0 , temp = number;

  for(int result = 0; number != 0 ; number = number/10){

    result1 = number % 10;

    System.out.println (result1);

  }

  for (int result = 0; temp != 0 ; temp = temp/10){

     result2 = temp % 10;

     sum = sum + result2;

   }

   System.out.println (sum);

  }

 }
}
```



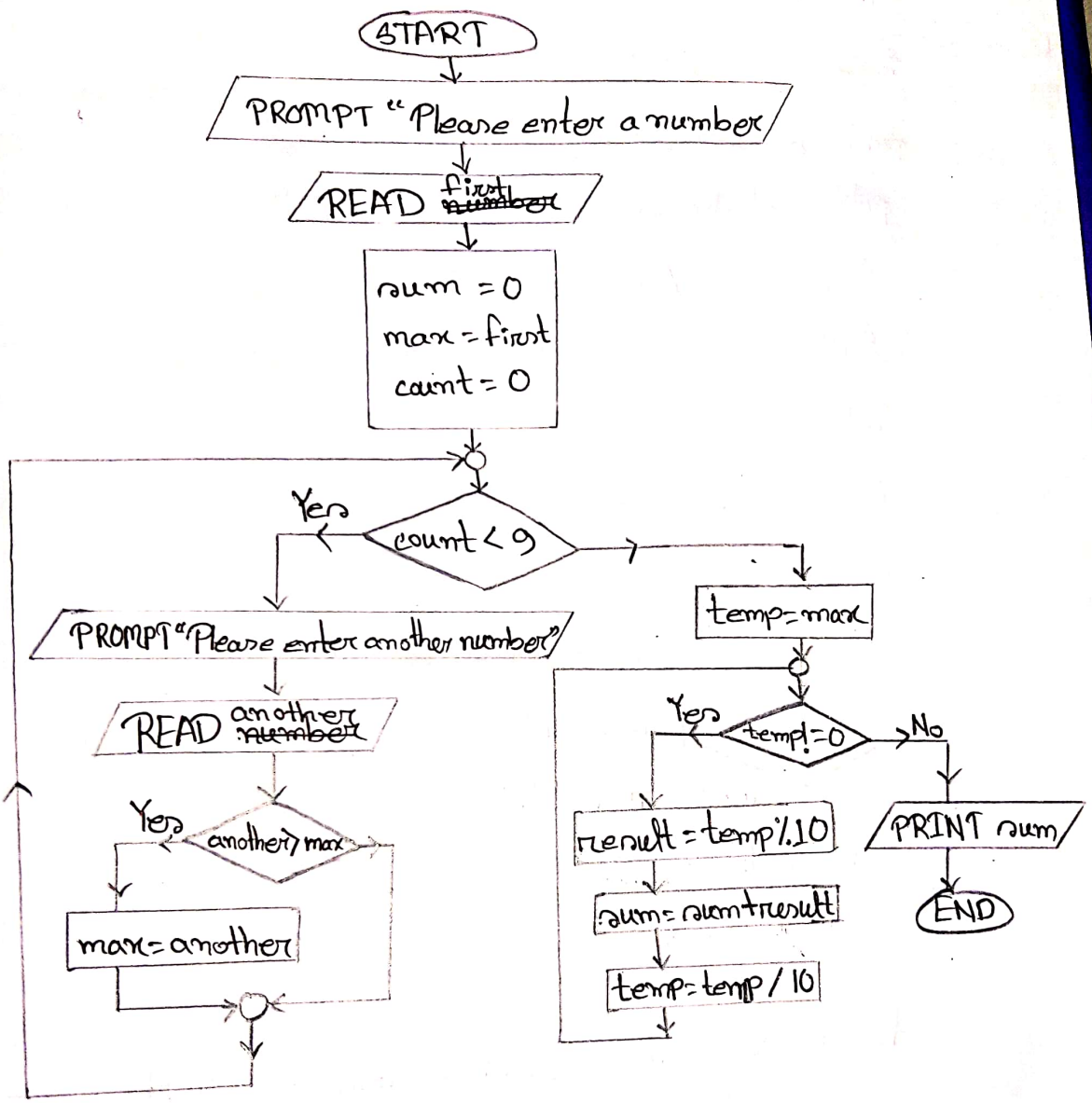
TASK 06:

```
import java.util.Scanner;
public class A2_T6{
 public static void main(String[ ] args){
   Scanner sc = new Scanner(System.in);
   System.out.println ("Please enter a number");
   int number = sc.nextInt( );
   int count = 0 , temp = number , sum1 = 0;
   while (number!= 0) {
   number = number / 10;
   count ++ ;
   }
   int power = (int) Math.pow(10,(count - 1));
   while (temp!= 0) {
   result = temp/power;
   System.out.println (result);
   temp = temp % result;
   sum1 = sum1 + result;
   power = power / 10;
   }
   System.out.println(sum1);
 }
}
```



TASK 07

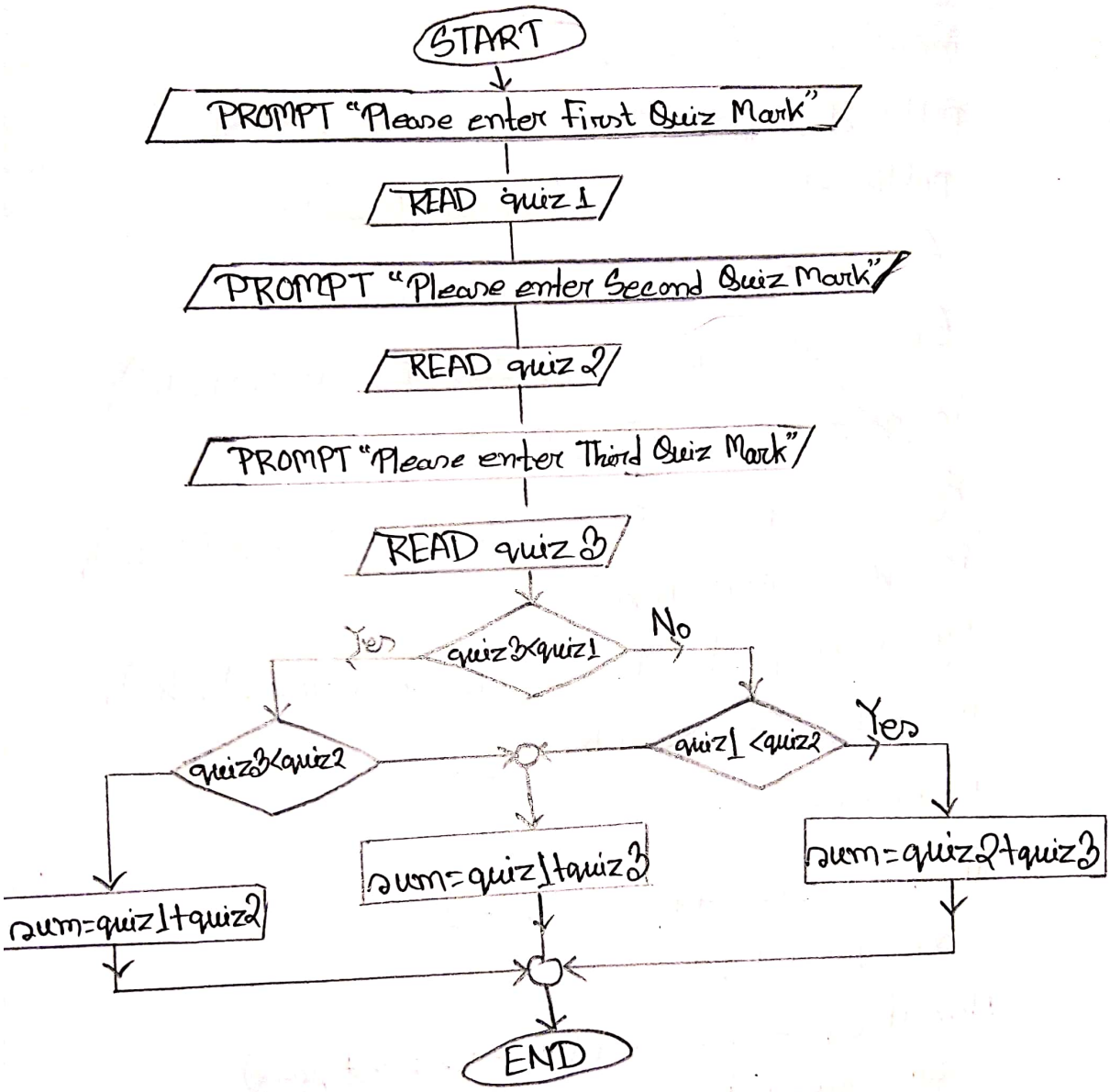
```
import java.util.Scanner;
public class Task07{
 public static void main(String[] args){
  Scanner sc = new Scanner(System.in);
  System.out.println("Please enter a number");
  int first = sc.nextInt();
  int sum = 0, result = 0;
  int max = first;
  for(int count = 0; count < 9; count++){
   System.out.println("Please enter another number");
   int another = sc.nextInt();
   if (another > max)
     max = another;
  }
  for(int temp = max; temp != 0; temp = temp/10){
    result = temp % 10;
    sum = sum + result;
  }
   System.out.println(sum);
}
}
```



}

TASK 08

```
import java.util.Scanner;
Public class Task08{
 Public static void main(String[ ] args){
  Scanner sc =new Scanner(System.in);
  System.out.println("Please enter First Quiz Mark");
 int quiz1 = sc.nextInt( );
  System.out.println("Please enter Second Quiz Mark");
 int quiz2 = sc.nextInt( );
  System.out.println("Please enter Third Quiz Mark");
 int quiz3 = sc.nextInt( );
 int sum = 0;
 if (quiz1 > quiz3 && quiz2 > quiz3)
    sum = quiz1 + quiz2;
 else if (quiz1 > quiz2 && quiz3 > quiz2)
    sum = quiz1 + quiz3;
 else if (quiz2 > quiz1 && quiz3 > quiz1)
     sum = quiz2 + quiz3;
    }
   System.out.println (sum);
 }
}
```



TASK 09

```
import java.util.Scanner;
public class Task09{
 public static void main(String[ ] args){
  Scanner sc=new Scanner(System.in);
  int [ ] number = new int [6];
  number [0] =2;
  number [1] = 5;
  number [2] =6;
  number [3] = 10;
  number [4] =9;
  number [5] = 0;
  System.out.println(number [0]);
  System.out.println(number [1]);
  System.out.println(number [2]);
  System.out.println(number [3]);
  System.out.println(number [4]);
  System.out.println(number [5]);
 }
}
```

TASK10:

```
import java.util.Scanner;
public class Task10{
 public static void main (String [ ] args){
  Scanner sc = new Scanner(System.in);
  int [ ] number = new int [5];
  int sum = 0;
  for(int count =0; count <number.length ; count++){
     number [count] = sc.nextInt ();
     sum = sum+ number[count];
    }
    System.out.println(sum);
  }
}
```

TASK 11:

```
import java.util.Scanner;
public class A2_T11{
public static void main(String[] args){
  Scanner sc =new Scanner(System.in);
  int numberOfStudents = sc.nextInt();
  int n = numberOfStudents;
  int [] mark = new int [n];
  for(int count=0; count <mark.length; count++){
    System.out.println("Please enter mark of the student");
    mark [count]= sc.nextInt();
  }
  for(int count =0; count<mark.length. count++){
    System.out.println (mark [count]);
    }

 }

}
```

TASK 12

```
import java.util.Scanner;

Public clann A2_T12 {

 public static void main(String [ ] args){

    Scanner sc = new Scanner(System.in);

    int [ ] number = new int [10];

   for (int count = 0; count < number.length; count++){

      System.out.println ("Please enter a number");

      number [count] = sc. nextInt ( );

      if (number [count] % 2 == 0)

      System.out.println(number [count]);

    }

  }

}
```

TASK13:

```
import java.util.Scanner;
public ~~static~~ class A2_T13{
 public static void main (String [ ] args){
   Scanner sc =new Scanner(System.in);
    int [ ] list =new int[6];
    for (int i =0; i< list.length; i++) {
      ~~int~~ System.out.println("Please enter a number");
      list [i] = sc.nextInt( );
    }
    for (int i= list.length-1; i<=0; i--){
       System.out.println(list [i]);
    }
  }
}
```

TASK 14:

```
import java.util.Scanner;
public class A2_T14 {
 public static void main(String[] args) {
   Scanner sc = new Scanner(System.in);
   int [ ] number = new int[6];
   System.out.println("Please enter a number");
   int first = sc.nextInt( );
   int max = first;
   for(int count =0; count <number.length-1; count ++) {
     System.out.println ("Please enter another number");
     number [count] = sc.nextInt ( );
     if (number[count] > max)
       max = number [count];
   }
   System.out.println(max);
 }

}
```

TASK-15:

```
import java.util.Scanner;
public class Task15{
 public static void main(String[] args){
  Scanner sc =new Scanner(System.in);
  int[] number = new int[6];
  System.out.println("Please enter a number");
  int first = sc.nextInt();
  int max = first , min = first ;
 for (int count =0; count < number.length-1; count++){
    System.out.println("Please enter another number");
    number[count] = sc.nextInt();
    if (number[count] > max)
       max = number[count];
    else if (number[count] < min){
       min = number[count];
  }
    System.out.println("The maximum number is:" + max);
    System.out.println("The minimum number is:" + min);
 }
}
```

TASK 16:

```
import java.util.Scanner;
public class A2_T16{
 public static void main(String[] args){
  Scanner sc = new Scanner(System.in);
  int [ ] number = new int [6];
  for(int count = 0; count < number.length; count++){
   System.out.println("Please enter a number");
   number[count] = sc.nextInt ();
   System.out.println(number[count]);
   }
  }
}
```