1) Write a program to ask user to enter two numbers and print the sum, difference, product and quotient of two numbers.
2) Write a program to prompt the user to give the length and width of rectangle and print area and perimeter of rectangle.
3) Write a program to get a 5 digit positive number as input and print the output as one digit in each line. (without using loop)
4) Write a program to calculate grade of a student in a particular subject using if-else.
5) Implement arithmetic calculator using switch case.

Sample Java program

```
class Test

  {

    public static void main(String args[])

    {

        System.out.println("hello world");

    }

  }
```

Methods of Java Scanner Class for reading data from the user

Scanner sc= **new** Scanner(System.in);

int n=sc.nextInt();

Method	Description
int nextInt()	It is used to scan the next token of the input as an integer.
float nextFloat()	It is used to scan the next token of the input as a float.
double nextDouble()	It is used to scan the next token of the input as a double.

byte nextByte()	It is used to scan the next token of the input as a byte.
String nextLine()	Advances this scanner past the current line.
boolean nextBoolean()	It is used to scan the next token of the input into a boolean value.
long nextLong()	It is used to scan the next token of the input as a long.
short nextShort()	It is used to scan the next token of the input as a Short.
BigInteger nextBigInteger()	It is used to scan the next token of the input as a BigInteger.
BigDecimal nextBigDecimal()	It is used to scan the next token of the input as a BigDecimal.