

Simple program

```
public class Details {

    public static void main(String[] args) {

        String name = "Vinoth s";

        int age = 20;

        int rollNo = 223;

        String collegeName = "Panimalar Engineering College";

        int mark1 = 70;

        int mark2 = 60;

        int mark3 = 80;

        int mark4 = 98;

        int mark5 = 48;

        int total = (mark1+ mark2+mark3+mark4+mark5);

        int outOf = 500;

        System.out.println("Myself "+name+" Currently studying in "+ collegeName + " having rollno "+

    }

}
```



Largest of three

```
package operators;

public class LargestOfThree {
```

```
public static void main(String[] args) {

    int a =15;

    int b =100;

    int c = 20;

    String res = (a>b?

// if a is greater than b

(a>c?

// if a is greater than c

("A is greater")

:

// if c is greater than a

("C is greater"))

:

// if b is greater than a

(b>c?

// if b is greater than c

("B is greater")

:

// if c is greater than b

("C is greater"))

);

    System.out.println(res);

}

}
```

Scanner class program

```
package operators;

import java.util.Scanner;

public class ScannerClass {

    public static int add(int a, int b) {

        return a + b;

    }

    public static char character(String a) {

        return a.charAt(0);

    }

    public static float Average(int a, int b, int c) {

        float avg = ((a+b+c)/3);

        return avg;

    }

    public static String Concat(String name1, String name2) {

        String answer = (name1 + " " + name2);

        return answer;

    }

    public static String largestOfThree(int a, int b, int c) {

        String answer = (a>b?(a>c?("A is greater "+a):("C is greater "+c)):(b>c?("B is greater "+b):

        return answer;

    }

    public static void main(String[] args) {

        try (Scanner sc = new Scanner(System.in)) {

            System.out.println("Enter the number 1: ");
```

```
int num1 = sc.nextInt();

System.out.println("Enter the number 2 :");

int num2 = sc.nextInt();

int total = add(num1, num2);

System.out.println("Sum of 2 number is : "+total);

System.out.println("-----");

System.out.println("Enter the any Character");

char charvalue = character(sc.next());

System.out.println("Char is "+charvalue);

System.out.println("-----");

System.out.println("Enter Mark 1 :");

int m1 = sc.nextInt();

System.out.println("Enter Mark 2 :");

int m2 = sc.nextInt();

System.out.println("Enter Mark 3 :");

int m3 = sc.nextInt();

float value = Average(m1, m2, m3);

System.out.println("Average is :"+value);

System.out.println("-----");

System.out.println("Enter your Name :");

String name = sc.next();

System.out.println("Enter your friend Name :");

String friendname = sc.next();

String cocatAnswer = Concat(name,friendname);

System.out.println("Concated names "+cocatAnswer);

System.out.println("-----");

System.out.println("Enter number 1:");
```

```

int a = sc.nextInt();

System.out.println("Enter number 2:");

int b = sc.nextInt();

System.out.println("Enter number 3:");

int c = sc.nextInt();

String largest = largestOfThree(a, b, c);

System.out.println("Largest of three is "+largest);

} catch (Exception e) {

    System.err.println(e);

}

}

}

```

String Concatenation

```

package operators;

public class Example {

    public static void main(String[] args) {

        System.out.println(10 + "abc"); //10abc

        System.out.println("abc" + 10); //abc10

        System.out.println(10 + 10 + "abc"); //20abc

        System.out.println(10 + 'a' + "abc"); //107abc

        System.out.println(10 + "-abc-" + "-cde-"); //10-abc--cde-

        System.out.println(10 + "-abc-" + 4 + 20); //10-abc-420

        System.out.println(10 + "-abc-" + 'a'); //10-abc-a
    }
}

```

```
System.out.println(10 + "-abc-" + true); //10-abc-true

// System.out.println(10 + true + "-abc-"); //compiler error

// System.out.println(10 + "-abc-" +20 - 30); //compiler error

System.out.println(10 + "-abc-" +(20 - 30)); //10-abc--10

}

}
```