1. **PRINT YOUR NAME WITH METHOD**

**CODE:**

public class PrintName{

String name = "SUMIT";

void display(){

System.out.println("My name is "+name);

}

public static void main(String arg[]){

PrintName obj = new PrintName();

obj.display();

}

}

**Out put:**

My name is SUMIT

1. **TAKE TWO VARIABLES AND PRINT SUM,SUB,MUL,DIV AND MOSULUS**

**CODE:**

class Arithmetic{

int a=10;

int b=2;

void sum(){

System.out.println("sum= "+(a+b));

}

void sub(){

System.out.println("sub = "+(a-b));

}

void mul(){

System.out.println("mul = "+(a\*b));

}

void div(){

System.out.println("div = "+(a/b));

}

void modulus(){

System.out.println("modulus = "+(a%b));

}

public static void main(String arg[]){

Arithmetic obj=new Arithmetic();

obj.sum();

obj.sub();

obj.mul();

obj.div();

obj.modulus();

}

}

**Out put:**

sum= 12

sub = 8

mul = 20

div = 5

modulus = 0

3. **PRINT YOUR NAME WITH OUT METHOD**

**CODE:**

public class NameWithOutMethod{

public static void main(String arg[]){

System.out.println("Hello My Name Is Sumit Mandal");

}

}

**Output:**

Hello My Name Is Sumit Mandal

**4.write a program to print your name,class,year,section, ygpa with help of function**

**CODE:**

/\* write a program to print your name,class,year,section, ygpa with help of function \*/

public class Student{

String n= "Sumit Mandal";

String c="CSE";

int y=2;

char s='B';

float ygpa=7.5f;

void name(){

System.out.println("My name is "+n);

}

void cl(){

System.out.println("My class is "+c);

}

void year(){

System.out.println("My current year is "+y);

}

void section(){

System.out.println("My section is "+s);

}

void ygpa(){

System.out.println("My YGPA is "+ygpa);

}

public static void main(String args[]){

Student obj=new Student();

obj.name();

obj.cl();

obj.year();

obj.section();

obj.ygpa();

}}

**Output :**

My name is Sumit Mandal

My class is CSE

My current year is 2

My section is B

My YGPA is 7.5

**5.W.P.IN JAVA ABOUT DOG DETAILS**

**CODE:**

public class Dog {

String name= "Rocky";

int age=8;

void details(){

System.out.println("Hello my name is "+name);

System.out.println("My age is "+age);

System.out.println(name+" can bark.");

System.out.println(name+" can walk also.");

}

public static void main(String args[]){

Dog obj= new Dog();

obj.details();

}

}

**Output:**

Hello my name is Rocky

My age is 8

Rocky can bark.

Rocky can walk also.

6. **write a prog in java to print the biggest, smallest and in between the numbers.**

**CODE:**

// write a prog in java to print the biggest, smallest and in between the numbers.

public class Comparison {

int a=1;

int b=2;

int c=3;

void biggestNumber(){

if(a>b && a>c){

System.out.println(a+" is the Greatest Number.");

if(b>c){

System.out.println(c+" is Smallest \n"+b+" is inbetween numbers.");

}

else{

System.out.println(b+" is Smallest \n"+c+" is inbetween numbers.");

}

}

else if(b>a && b>c){

System.out.println(b+" is the Greatest Number.");

if(a>c){

System.out.println(c+" is Smallest \n"+a+" is inbetween numbers.");

}

else{

System.out.println(a+" is Smallest \n"+c+" is inbetween numbers.");

}

}

else{

System.out.println(c+" is the Greatest Number.");

if(a>b){

System.out.println(b+" is Smallest \n"+a+" is inbetween numbers.");

}

else{

System.out.println(a+" is Smallest \n"+b+" is inbetween numbers.");

} } }

public static void main(String args[]){

Comparison obj=new Comparison();

obj.biggestNumber();

}

}

**Output:**

3 is the Greatest Number.

1 is Smallest

2 is in between numbers.

7.

// htis is a example of paramiterized costructor

public class StudentDetails {

String name;

int roll;

StudentDetails(String n,int r){

name=n;

roll=r;

}

void display(){

System.out.println("Name: "+name);

System.out.println("roll number : "+roll);

}

public static void main(String args[]){

StudentDetails obj1= new StudentDetails("Sumit Mandal",105);

StudentDetails obj2= new StudentDetails("Mr. XYZ",106);

obj1.display();

obj2.display();

}

}

Output:

Name: Sumit Mandal

roll number : 105

Name: Mr. XYZ

roll number : 106

8.

// htis is a example of Non-paramiterized costructor

package dog;

public class Dog {

String name="Tommy";

Dog(){

System.out.println("Hello my name is "+name);

}

public static void main(String[] args) {

Dog obj=new Dog();

}

}

Output:

Hello my name is Tommy

9.

package cat;

public class Cat {

String name = "abc";

int age= 5;

void display(){

System.out.println("Hello my name is "+name+". and my age is "+age);

}

public static void main(String[] args) {

Cat obj= new Cat();

obj.display();

}

}

Output:

Hello my name is abc. and my age is 5

10.

package program;

public class Program {

String name;

Program(String n){

name=n;

}

void display(){

System.out.println("Hello my name is "+name+", i am a programming language");

}

public static void main(String[] args) {

Program obj1=new Program("JAVA");

Program obj2=new Program("C");

Program obj3=new Program("C++");

Program obj4=new Program("PYTHON");

obj1.display();

obj2.display();

obj3.display();

obj4.display();

}

}

Output:

Hello my name is JAVA, i am a programming language

Hello my name is C, i am a programming language

Hello my name is C++, i am a programming language

Hello my name is PYTHON, i am a programming language