**1.create a java program to print your mother and father name, age, salary, phonenumber, address like city state country.**

public class FirstProg {

public static void main(String[] args) {

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

System.out.println("My mother age is"+" 48");

System.out.println("My mother phone number is"+" 7624887833");

System.out.println("My mother state is"+" Karnataka");

System.out.println("My mother city is"+"Bangalore");

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

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

System.out.println("My Father age is"+" 57");

System.out.println("My Father phone number is"+" 7864356679");

System.out.println("My Father State is"+" Karnataka");

System.out.println("My Father city is"+" Bangalore");

}

}

**2.Write a java program to print the below msg in the given format**

hello

welcome to

edubridge online classes

public class SecondProg {

public static void main(String args[]) {

System.out.println("\t\tHello");

System.out.println("\tWelcome\t\t to");

System.out.println(" Edubridge\t online\t Classes");

}

}

**3.What is default package in java?**

ANS: In Java, two packages java. lang package and a no-name package (also called default package) are imported by default in all the classes of Java.

**4.Scanner class is in which package?**

ANS: Java.util.scanner

**5.list the methods of Scanner class?**

ANS: nextInt()

nextDouble()

nextFloat()

nextLine()

**6.list the types of datatypes with size and give an example of each by doing declaring and initializating the variables?**

ANS byte -- 1 bytes -- byte b = 127 ;

short -- 2 bytes -- short s = 32000 ;

int -- 4 bytes -- int age = 25 ;

long -- 8 bytes -- long distance = 19999999999.8288838l;

float -- 4 bytes -- float f = 21.43f;

double -- 8 bytes -- double d = 56.8988;

char -- 2 bytes -- char ch = 'A';

boolean-- 1 bite -- boolean b = true;

**7.Write a program to display the names of your 5 friends.**

ANS :

public class ThirdProg {

public static void main(String[] args) {

System.out.println("1.Amurutha");

System.out.println("2.Nithiya");

System.out.println("3.Sudha");

System.out.println("4.Manisha");

System.out.println("5.Deepa");

}

}

**8.Write a program to do addition 5 number?**

ANS:

import java.util.Scanner;

public class Addition {

@SuppressWarnings("resource")

public static void main(String[] args) {

int num1,num2,num3,num4,num5,add;

Scanner scanner=new Scanner(System.in);

num1=scanner.nextInt();

num2=scanner.nextInt();

num3=scanner.nextInt();

num4=scanner.nextInt();

num5=scanner.nextInt();

add=num1+num2+num3+num4+num5;

System.out.println("Addition of five numbers is" + add);

}

}

**9.Write a program to display your,father and mother name?**

ANS:

public class FamilyInfo {

public static void main(String[] args) {

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

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

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

}

}

**10.write a program to display your name in short like yourname.fathernamefirstletter.sirnamefirstletter?**

ANS:

import java.util.Scanner;

public class Famprog {

public static void main(String[] args) {

Scanner scanner=new Scanner(System.in);

System.out.println("Enter Your Name");

String name=scanner.next();

System.out.println("");

System.out.println("Enter your Fathername");

char Fathername=scanner.next().charAt(0);

System.out.println("");

System.out.println("Enter your surname");

char surname=scanner.next().charAt(0);

System.out.println("");

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

}

}

**11.Explain the public static void main(String[] args) in detail.**

ANS: a.. public static void main(String[] args) In Java programs, the point from where the

program starts its execution or simply the entry point of Java programs is the main()

method.

b. Public:- it is an access specifier that means it will be accessed by publically.

c. Static:- it is access modifier that means when the java program is load then it will

create the space in memory automatically.

d. Void:- it is a return type that is it does not return any value.

e. main():- it is a method or a function name.

f. String[] args :- String[] args in java is an array of type java. lang. String class that

stores java command line arguments

**12.What are the rules of naming the java file.**

ANS:Rules of naming java file are as follows:

a. File names should be nouns,

b. in mixed cases with the first letter of each internal word capitalized.

c. Use whole words and must avoid acronyms and abbreviations.

d. File name should be same as the class name

**13.what are the rules of naming the class?**

ANS:Rules of naming the class are as follows:

a. Class names should be nouns,

b. in mixed case with the first letter of each internal word capitalized.

c. Use whole words and must avoid acronyms and abbreviations

**14.what are the rules for naming the methods?**

ANS:: Rules of naming method are as follows:

a. Methods should be verbs,

b. in mixed case with the first letter lowercase,

c. with the first letter of each internal word capitalized.

**15.what are the rules for naming variables in java?**

ANS:Rules of naming variables in java are as follows:

a. A variable name must start with a letter or an underscore character (\_).

b. A variable name cannot start with a digit.

c. A variable name can only contain alpha-numeric characters and underscores ( a-z, AZ , 0-9 , and \_ ).

d. Variable names are case-sensitive (age, Age and AGE are three different variables).

**16.which is the main entry point of java program?**

ANS: main() method

**17.who is invoking the main method of java?**

ANS:JVM

**18.why main has to be static method?**

ANS:The main() method is static so that JVM can invoke it without instantiating the class.