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

```java
package edubridge;

class sample{

public static void main(String[] args) {

// TODO Auto-generated method stub

System.out.println("mother information:");

System.out.println("Name:jyothi");

System.out.println("Age:40");

System.out.println("Salary:Housewife");

System.out.println("Phonenumber:1234567890");

System.out.println("Address:Hyderabad");

System.out.println("Father information:");

System.out.println("Name:Mohan");

System.out.println("Age:45");

System.out.println("Salary:3LPA");

System.out.println("Phonenumber:0987654321");

System.out.println("Address:Hyderabad");

}

}
```

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

Hello

Welcome to

Edubridge online classes

```java
package edubridge;

public class edubridge {
```

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

// TODO Auto-generated method stub

System.out.println("hello\nwelcome to\nedubridge online class");

}

}
```

3.what is default package

Java.lang packages.

4.scanner class is in which package?

Java.util.package

5.list the methods of scanner class?

- nextBoolean()
- nextByte()
- NextDouble()
- NextFloat()
- NextInt()
- NextLine()
- nextLong
- nextshort()

6.list the types of datatypes with size and gives an example of each by doing declaring and

Initializing the variables

- Boolean(e.g True or False)
- Character(e.g a)
- Double(e.g 1.79769313486232E308)
- Floating point number(e.g 1.123)
- Integer(e.g 123)
- Long(e.g 123456789)
- Short(e.g 0)

7.write a program to display the names of your five friends?

```java
package edubridge;

public class friends {

public static void main(String[] args) {

// TODO Auto-generated method stub
```

```java
System.out.println("my friends
list\n1.manasa\n2.begum\n3.nishu\n4.vishnu\n5.ramya\n6.myself");

}

}
```

8.write a program to do addition 5 numbers?

```java
package edubridge;

public class addition {

public static void main(String[] args) {

// TODO Auto-generated method stub

int a=1,b=2,c=3,d=4,e=5,sum;

sum=a+b+c+d+e;

System.out.println("addition:"+sum);

}

}
```

9.write a program to display your father and mother name

```java
package edubridge;

public class edubridge {

public static void main(String[] args) {

// TODO Auto-generated method stub

System.out.println("fathername:\nmohan\nmother name:\njyothi");

}

}
```

10.write thr program to display your name in short like your name,fathername first letter and surname first letter?

```java
package edubridge;

public class edubridge {

public static void main(String[] args) {

// TODO Auto-generated method stub

{
```

```java
String first="Mohan";

String second="vislavath";

char fathername=first.charAt(0);

char surname=second.charAt(0);

System.out.println("my name is:chandra lekha");

System.out.println("fathername is:"+fathername);

System.out.println("surname is"+surname);

}

}

}
```

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

- Public-it is an access specifier that means it will be accessed by publically.
- Static-it is access modifier that means when the java program is load then it will create the space in memory automatically.
- Void-it is a return type that is it does not return any value.
- Main()-it is method or a function name.

12.write a program displaying names of days by using commandline arguments

```java
package edubridge;

import java.util.Scanner;

public class days {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner in = new Scanner(System.in);

System.out.print("Input number: ");

int day = in.nextInt();

System.out.println(getDayName(day));

}

// Get the name for the Week

public static String getDayName(int day) {
```

```java
String dayName = "";

switch (day) {

case 1: dayName = "Monday"; break;

case 2: dayName = "Tuesday"; break;

case 3: dayName = "Wednesday"; break;

case 4: dayName = "Thursday"; break;

case 5: dayName = "Friday"; break;

case 6: dayName = "Saturday"; break;

case 7: dayName = "Sunday"; break;

default:dayName = "Invalid day range";

}

return dayName;

}

}
```

13.what are the rules of naming the java file

Except of variable, all instance ,class and class constants are in mixed case with a lowercase first letter .internal words start start with capital letters. variable names should not start with underscore_ or dollar sign$ charecters, even though both are allowed .variable names should be short yet meaningful.

14.what are the rules of naming the class?

- Class name should be nouns,in mixed cases with the first letter of each internal word capitalized.interfaces names should also be capitalised just like classes names.
- Use whole words and must avoid acryonyms and abbrevaitions.

15.what are the rules for naming variable in java

Name can be any legal identifier-an unlimited -length sequence of Unicode letters and digits,beginning with a letter,the dollar sign"$".or the underscore character"_".the convention,however is to always bega letter,not "$"or"_".

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

The java main method

17.who is invoking the main method of java

The java interpreter.

18.why main has to be static method?

Java main() method is always static,so that compiler can call it without creation of an object or before the creation of an object of the class..this is the starting point from where compiler starts program execution.